

# Rugged WIRING DEVICES

Catalog No. 28

STANDARD ELECTRIC SUPPLY CO.

1045 NORTH 5th ST.

MILWALKEE. 1079

# HUBBELL Rugged WIRING DEVICES



CATALOG No. 28

Prices are subject to change without notice and all orders are subject to prices in effect when goods are shipped.

All weights listed in this catalog are gross shipping weights and although uniform accuracy is intended they are not guaranteed and are subject to change without notice.

No material will be accepted for return unless permission is granted in writing by this Company.

Claims for freight charges or claims for allowances of any kind will not be considered after 30 days from receipt of goods.

All Devices listed conform to the National Electrical Code Standard except where marked (★).

Dimension charts in this catalog are provided for the convenience of our customers. This Company reserves the right to make changes from time to time, without notice, which may change the dimensions shown. We, therefore, recommend they be checked with us before using for product development or prints.

# HARVEY HUBBELL, INC.

MAIN OFFICE and FACTORY: BRIDGEPORT, CONNECTICUT

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# PLANT AND GENERAL OFFICES OF HARVEY HUBBELL, INC. AT BRIDGEPORT, CONNECTICUT

MANUFACTURERS OF

# Electrical Wiring Devices of Quality

The Hubbell Development Laboratory is equipped to handle all types of electrical wiring device designs to meet special problems which manufacturers and engineers have in their products.





### Pride In Accomplishment

### THE BEST IN WIRING DEVICES SINCE 1888

# ORIGINATORS AND PIONEERS OF MANY OF TODAY'S WIRING DEVICE STANDARDS

The name HUBBELL on Electrical Wiring Devices embodies the science, engineering, and skill acquired in 59 years of believing that a product—no matter how good it is today—can be made better. Because of this belief our products have continually enjoyed broader application and have become standard equipment in the home, in the factory, and now in the expanding field of radar and electronics.

We are proud and jealous of the skill that goes into our products. Men and women who make our devices have at their command years of experience, dexterity, and a great interest in seeing that the name HUBBELL shall always indicate superior wiring devices. Our organization is steeped in the belief that for a product to be accepted over the years, it must be worthy of acceptance.

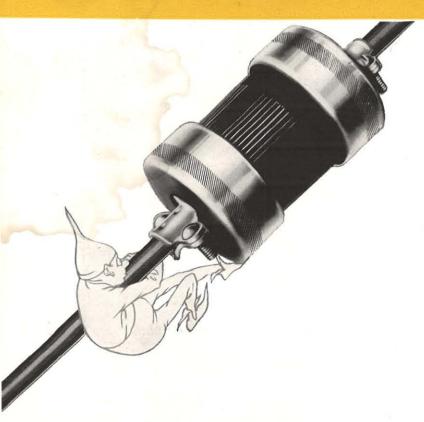
With the coming years our engineering and development laboratories will evolve new devices, present products will be improved through advancing manufacturing processes, sales engineers will continue to study and explore the needs of industry and commerce, but *uppermost* in our minds will be the need to maintain the name of HUBBELL on the high plane of those products that are scientifically accurate, dependable in performance, and readily available through broad distribution.

# They never disconnect accidentally!



# Twist-Lock and Hubbellock DEVICES

FOR POSITIVE LOCK-FAST ELECTRICAL CONNECTIONS





A Twist of the Cap and it Locks

(See Pages 109, 110 and 111 For Typical Twist-Lock Installations.)



# Twist-Lock 10 AMP. 2-WIRE CONNECTORS

### MIDGET SIZE—BROWN BAKELITE

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

### WITHOUT CORD-GRIP

Cat. No.	Description	Cord Diameter
*7461	Connector Body	.375
7462	Male Cap	.375
	Male Cap, Polarized	

### WITH CORD-GRIP

*7464	Connector Body	.218 to .312
*7427	Connector Body	.312 to .500
7465	Male Cap	.218 to .312
7428	Male Cap	.312 to .500
<b>▲7479</b>	Male Cap, Polarized	.218 to .312
<b>▲7429</b>	Male Cap, Polarized	.312 to .500

Standard finish for "Cord Grips" is Statuary Bronze.

\* Will accommodate both polarized and non-polarized caps.

These Caps and Connector Bodies will fit the receptacles listed below.

▲ Has one wide and one narrow blade to fit corresponding polarized slots of receptacles.

### 10 AMP. 2-WIRE MIDGET FLUSH BASES

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.	Description
7466	Male Base,
<b>▲7467</b>	Male Base, Polarized
*7468	Female Base,
*7473	No. 7468 Female Base on 31/4" Steel Box Cover (not illustrated)
*7472	Female Base, Covered Terminals, with Cord Grips (.218" to .312 cord diameter),
*7471	No. 7472 Female Base, Covered Terminals without Cord Grips,

\* Will accommodate both polarized and non-polarized caps.

A Has one wide and one narrow blade to fit corresponding polarized slots of connector bodies.

Metal casings plated to resist corrosion.

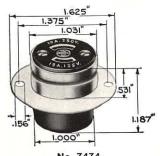
### 1.187" No. 7461 No. 7462 1.187"--.500"→ No. 7464 No. 7465 No. 7427 No. 7428 1.625" 1.625 .937 1.062"-No. 7466 No. 7467 1.187" 1.625 -

### FOR REVERSE MOUNTING ON PANELS

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No. Description \*7474 Female Base

\* Will accommodate both polarized and non-polarized caps.



1.031"-

No. 7468

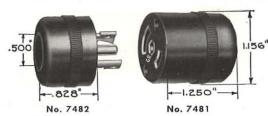
No. 7472

No. 7474



# wist-Lock 10 AMP. 3-WIRE CONNECTORS

MIDGET SIZE—BLACK BAKELITE—POLARIZED



10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

### WITHOUT CORD-GRIP

Cat. No.	Description	Cord Diamete
7481	Connector Body	.500
7482	Male Cap	.500

### WITH CORD-GRIP





Description	Cord Diameter
Connector Body	.281 to .421
Male Cap	.281 to .421

Standard finish for "Cord Grips" is black oxidize finish. These caps and bodies will fit receptacles listed below. Not furnished grounded.

Cord

### 10 AMP. 3-WIRE FLUSH BASES

### MIDGET SIZE—BLACK BAKELITE—POLARIZED







10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No. Description Male Base 7486 7487 Female Base.... 7488 No. 7489 Female Base, Covered Terminals, without Cord Grips

> Metal casings finished to resist corrosion. If desired grounded, suffix letter "G" to catalog number.

### **IMPORTANT**

### HOW TO IDENTIFY MARKED TERMINALS OF **HUBBELL 3-WIRE DEVICES**

The copper plated terminal on all Hubbell three-wire devices is so identified for the convenience of the user, and is intended for the connection of the "neutral" conductor

For Grounding Charts, see Page 107



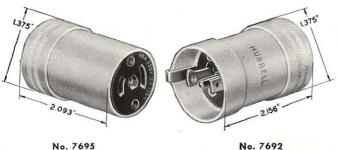


### 10 AMP. 3-WIRE AND 4-WIRE CONNECTORS

MIDGET SIZE - ARMORED - POLARIZED

WITH RUBBER CORD GRIPS — BLACK BAKELITE

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS.



Wiring chambers completely "dust-tight." Overlapping steel covers also make the complete assembly practically "dust-tight." Casings finished to resist corrosion.

No. 7695

\*3 WIRE - NOT GROUNDED

No.	Description	Diameter
<b>*7690</b>	Armored Male Cap	.360 to .484
<b>*7693</b>	Armored Connector Body	.360 to .484
	**3 WIRE — GROUNDED	TO CASING
<b>*7691</b>	Armored Male Cap	.360 to .484
<b>*7694</b>	Armored Connector Body	.360 to .484
	***4 WIRE — WITH EQUIP	MENT GROUND
<b>*7692</b>	Armored Male Cap	.360 to .484

Armored Connector Body.....

2.062 1.750 1.312 No. 7699

### 10 AMP. 3-WIRE MALE FLUSH BASE

.360 to .484

POLARIZED

**\*7695** 

Cat.

Male Receptacle in Casing, For Nos. 7693, 7694 and 7695 Connectors **\*7699** 

Metal casings finished to resist corrosion

### GROUNDING DIAGRAMS

FIG. 1 FIG. 2 FIG. 3 \*\*3 WIRE \*\*\*4 WIRE \*3 WIRE Not Grounded Grounded to With Equipment Casing Ground TO FRAME OF TOFRAMEOF TOFRAMEOF PORTABLE: PORTABLE PORTABLE DEVICE DEVICE DEVICE 3 COND. CABLE 3 COND.CABLE 4 COND. CABLE NON-METALLIC NON-METALLIC NON-METALLIC COVERING COVERING COVERING CAT. 7690 CAT. 7692 CAT. 7691 CAT. 7693 CAT. 7694 CAT. 7695 3 COND CABLE 3 COND.CABLE 4 COND. CABLE NON-METALLIC NON-METALLIC NON-METALLIC COVERING COVERING COVERING

Nos. 7690-7693

Fig. 1. \*Not Grounded. The ground is carried straight through by means of a conductor in the cable assembly as shown.

Nos. 7691-7694

Fig. 2. \*\*Grounded to Casing-Round contact pin of cap and corresponding female contact of connector body are electrically connected to the casing. The path of the "ground circuit" is shown by the heavy lines on Fig. 2.

Nos. 7692-7695

Fig. 3. \*\*\*Equipment Ground—Outer steel casings of cap and Connector Body serve as the grounding circuit. The grounding conductors are electrically connected to the casing of the cap and connector body by means of fourth binding screw terminals located on the steel casings. The path of the "ground circuit" is shown by the heavy lines on Fig. 3.



# Twist-Lock 10 AMP. 2-WIRE CONNECTOR BODIES

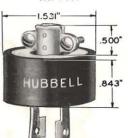
STANDARD SIZE-BLACK BAKELITE







No. 7504 Same dimensions as No. 7697



No. 7545 or 7546



No. 7542 or 7549



No. 7536 or No. 7537

### Cat. Cord No. Description Diameter

No.	Description	Diameter
7696	Body, with Cord Grip	.218 to .312
7506	Body, with Cord Grip	.296 to .562
7503	Body, less Cord Grip	.375

Will accommodate both polarized and non-polarized caps listed below.

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

### 10 AMP. 2-WIRE PLUG CAPS

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

### WITHOUT CORD GRIP

Cat. No.	Description	Cord Diameter
7504	Bakelite Cap	.375
*7505	Bakelite Cap, Polarized	.375

### WITH CORD GRIP

7697	Bakelite Cap
7507	Bakelite Cap
<b>▲*7698</b>	Bakelite Cap, Polarized218 to .312
▲*7508	Bakelite Cap, Polarized296 to .562
7545	Rubber Cap
7546	Rubber Cap
<b>▲*7547</b>	Rubber Cap, Polarized 296 to . 562
<b>▲*7548</b>	Rubber Cap, Polarized406 to .625
7542	Armored Cap
7549	Armored Cap
7642	Armored Cap with Angle
	Cord Grip
<b>▲*7588</b>	Armored Cap, Polarized296 to .562
<b>▲*7589</b>	Armored Cap, Polarized406 to .625

<sup>\*</sup> Polarized—One wide and one narrow blade.

# 1.625" 1.390" 1.000" 1.000" 1.390" 1.390" 1.000" 1.390" 1.000" 1.390" 1.000" 1.

### 10 AMP. 2-WIRE SINGLE RECEPTACLES

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

No.	Description
7535	Bakelite Receptacle
7536	Bakelite Receptacle with 31/4" cover
7537	Bakelite Receptacle with 4" cover
7498	Bakelite Receptacle with Short Mounting Strap

Cat.

Will accommodate both polarized and non-polarized caps listed above. Metal plates and cord-grips finished to resist corrosion.

<sup>▲</sup> Dimensions same as corresponding non-polarized cap.





BRIDGEPORT, CONNECTICUT

### **NEW DEVICE CATALOG PAGE**

Supplementing Catalog No. 28

August, 1951



# New CORD CONNECTOR BODIES METAL CORD GRIPS

STANDARD SIZE



No. 7688 or No. 7689

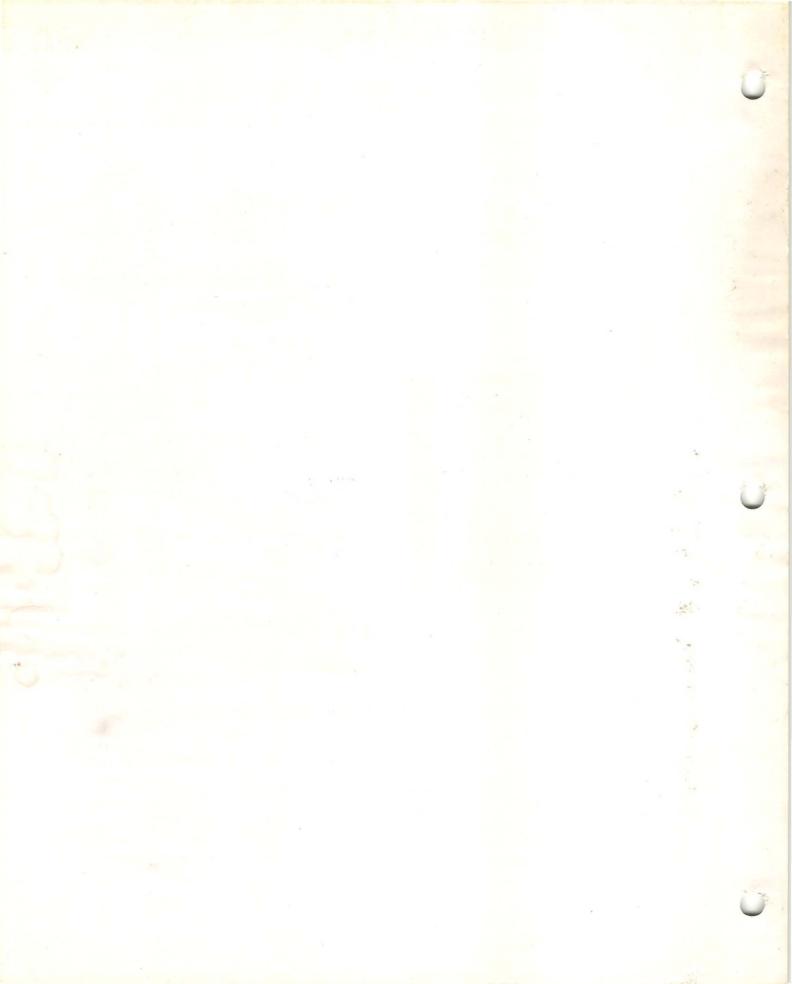
### FEATURES

- Body of durable black bakelite of sturdy design
- Will accommodate both polarized and non-polarized caps listed on page 8 of Hubbell Catalog No. 28
- Steel cord grips insure against wires being pulled from the connector body
- Exposed metal parts plated to resist corrosion

10 AMPERES: 250 VOLTS: 15 AMPERES: 125 VOLTS

Cat. Nos.	List Price	Description	Cord Diameter	Carton	Std. Pkg.	Wt. Ib. Std. Pkg.
7688	\$102.00	2 wire female armored body with cord grips	.296 to .562	10	50	9
7689	\$102.00	2 wire female armored body with cord grips	.406 to .625	10	50	9

For suitable caps for above receptacles see page 8 of Catalog No. 28





# Twist-Lock 10 AMP. 2-WIRE DUPLEX RECEPTACLES

### STANDARD SIZE—BLACK BAKELITE

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

7540 Bakelite Receptacle
7543 Receptacle with 31/4" Steel Box Cover
7544 Receptacle with 4" Steel Box Cover

### WITH SEPARATE FEEDS

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

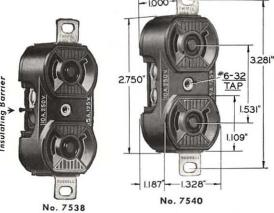
### **Each Outlet**

Description 7538 Bakelite Receptacle, Two Feeds, One Return Bakelite Receptacle, Two Feeds, Two Returns Receptacle with 31⁄4" Steel Box Cover, Two 7539 7455 Feeds, One Return Receptacle with 31/4" Steel Box Cover, Two 7456 Feeds, Two Returns Receptacle with 4" Steel Box Cover, Two 7457 Feeds, One Return Receptacle with 4" Steel Box Cover, Two 7458 Feeds, Two Returns

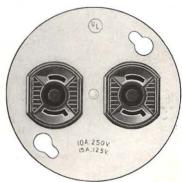
Covers finished to resist corrosion.

These receptacles may be used with either polarized or non-polarized Twist-Lock Caps, listed on page 8.

Nos. 7540, 7538 and 7539 take any standard duplex receptacle flush plate.



No. 7538 Same Dimensions as No. 7540

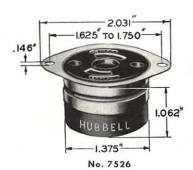


No. 7543 or No. 7455

# 10 AMP. 2-WIRE FLUSH BASES







10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VO
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Cat. No.	Description	Cord Diameter
7523	Male Base	.468 Cord Hole
<b>47524</b>	Male Base, Polarized	.468 Cord Hole
*7526	Female Base	<b>Exposed Terminals</b>
	Female Base, Covered Terminals, with Cord Grips	
*7527	No. 7528 Female Base, Covered Terminals, less Cord Grips	.375 Cord Hole

\* Will accommodate both polarized and non-polarized caps, see page 8.

▲ Has one wide and one narrow blade. Metal casings finished to resist corrosion. Mounting screw holes are elongated.



# Twist-Lock 10 AMP. 3-WIRE CAPS

### STANDARD SIZE-POLARIZED

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

### WITH CORD-GRIPS

	Cat. No.	Description	Cord Diameter
	7567	Rubber Cap	.296 to .562
	7568	Rubber Cap	.406 to .625
	7554	Black Bakelite Cap	.296 to .562
	7558	Black Bakelite Cap	.406 to .625
*	*7572	Armored Cap	.296 to .562
	*7573	Armored Cap	.406 to .625

If desired grounded, suffix letter "G" to catalog number.

\* Metal covers plated to resist corrosion.

Above caps fit receptacles, pages 11 and 12.

### 10 AMP. 3-WIRE CONNECTOR BODIES

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

No.	Description	Diameter
7555	Black Bakelite Body	.296 to .562
7559	Black Bakelite Body	.406 to .625
7564	Rubber Casing for Nos. 7555 or 7559 Connector Bodies (use as a shock absorber)	

If desired grounded, suffix letter "G" to catalog number.

### 10 AMP. 3-WIRE MALE FLUSH BASE

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

7556 Flush Base, Male, Polarized

If desired grounded, suffix letter "G" to catalog number.

Metal casings plated to resist corrosion.

Body of Black Bakelite.

Takes Nos. 7555 or 7559 bodies listed above.

### 10 AMP. 3-WIRE FEMALE FLUSH BASE

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

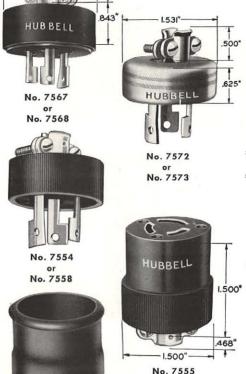
Cat. No. Descrip

**7557** Flush Base, Female, Polarized

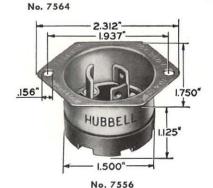
If above flush receptacles are desired grounded, suffix letter "G" to catalog number. Metal casings finished to resist corrosion.

Body of Black Bakelite.

For list prices see Index, Page 113.



500



No. 7559

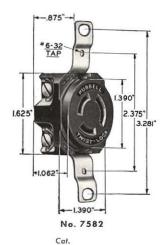


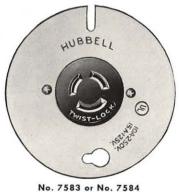


## Twist-Lock 10 AMP. 3-WIRE SINGLE RECEPTACLES

### STANDARD SIZE—BLACK BAKELITE—POLARIZED

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS





1.750"

No. 7586



No. 7418 For No. 7582

Description Bakelite Single Receptacle

7582 7583

Receptacle with 3¼" Box Cover Receptacle with 4" Box Cover 7584

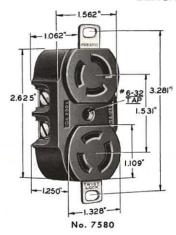
7586 Receptacle with Short Strap

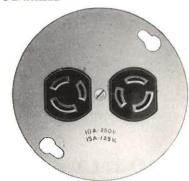
\*7418 Cast Metal Plate with Lift Cover \*7419 Cast Metal Plate without Lift Cover

If desired grounded, suffix letter "G" to catalog number. No. 7582 takes any standard single receptacle flush plate. \* Fits FS and FD outlet boxes. Finished to resist corrosion.

### 10 AMP. 3-WIRE DUPLEX RECEPTACLES

BLACK BAKELITE-POLARIZED





No. 7581

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Description

7580 Bakelite Duplex Receptacle

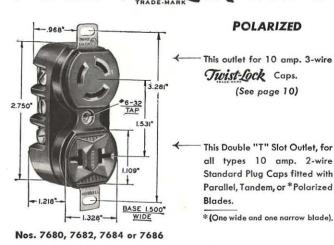
7581 Receptacle, with 4" Box Cover

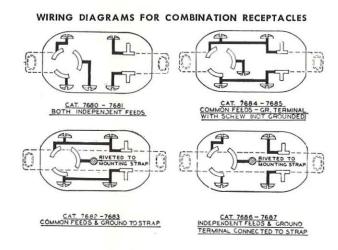
If desired grounded, suffix letter "G" to catalog number. No. 7580 takes any standard duplex receptacle flush plate.

> Suitable caps for above receptacles, listed page 10. For list prices see Index, Page 113.



# Twist-Lock 10 AMP. COMBINATION RECEPTACLES 3-WIRE Twist-Lock AND 2-WIRE DOUBLE "T" SLOTS





### Each Outlet Rated:

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No. Description 7680 Black Bakelite, each outlet wired independently Like No. 7680, on 4" Round Box Cover 7681 7686 Black Bakelite, each outlet wired independently. 3-wire end permanently grounded to supporting strap 7687 Like No. 7686, on 4" Round Box Cover Black Bakelite, one feed and one return common to both outlets 3-wire end permanently grounded to supporting strap Like No. 7682, on 4" Round Box Cover Black Bakelite, one feed and one return common to both outlets Grounding terminal 3-wire end equipped with binding screw 7685 Like No. 7684, on 4" Round Box Cover

### ADAPTERS FOR 10 AMP. 3-WIRE Twist-lock RECEPTACLES



No. 7645 (Wire not Furnished)

\***7645** 660W. 250V. Medium Screw Base Adapter, Side Wire Outlet, Multiple

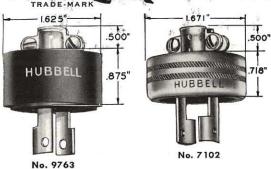
\***7646** 660W. 250V. Medium Screw Base Adapter, Side Wire Outlet, Series

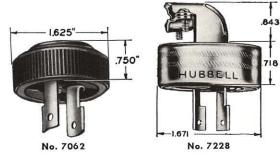
\***7647** 0–15A. 125V. Medium Screw Base Fuse Plug Cut-out, Side Wire Outlet, Series

These Adapters fit receptacles on pages 11 and 12.
For list prices see Index, Page 113.



# Twist-Lock 20 AMP. 2-WIRE PLUG CAPS





### 20 AMPERES, 250 VOLTS

### WITH CORD GRIPS

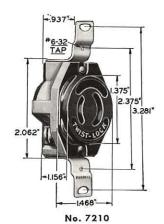
Cat. No.	Description	Cord Diameter
9763	Rubber Cap	.296 to .552
*9764	Rubber Cap	.296 to .562
9765	Rubber Cap	.406 to .625
*9766	Rubber Cap	.406 to .625
7102	Armored Cap	.296 to .562
*9102	Armored Cap	.296 to .562
7238	Armored Cap	.406 to .625
*9103	Armored Cap	.406 to .625
7228	Armored Angle Cap	.500 to .625

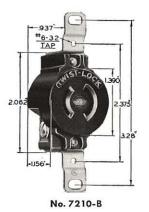
### WITHOUT CORD GRIPS

**7062** Composition Cap, Black... .406 \***7063** Composition Cap, Black... .406

> \* Polarized—One wide and one narrow blade Covers finished to resist corrosion

### 20 AMP. 2-WIRE FLUSH RECEPTACLES









20 AMPERES, 250 VOLTS

Cat.	2 99
No.	Description
7210	Single Receptacle, Black Porcelain
7210-B	Single Receptacle, Black Bakelite
7216	Receptacle with 31/4-Inch Cover, Porcelain
7216-B	Receptacle with 31/4-inch Cover, Bakelite
7217	Receptacle with 4-Inch Cover, Porcelain
7217-B	Receptacle with 4-inch Cover, Bakelite
7418	Cast Metal Plate with Lift Cover, fits "FS" and "FD" Boxes
7419	Cast Metal Plate without Lift Cover, fits "FS" and "FD" Boxes

Metal covers finished to resist corrosion.

Nos. 7210 and 7210-B may be used with polarized or non-polarized 20 Ampere Twistlock caps. Fit standard convenience outlet plates.



# Twist-Lock

# 20 AMP. 2-WIRE CONNECTORS AND PLUG BASE



20 AMPERES, 250 VOLTS

Cat. No. Descrip

Cord

7101 Bakelite Body, with Cord-Grips. . . 296 to . 562

7224 Bakelite Body, with Cord-Grips. . . 406 to . 625

**★7612** Screw Base Plug, 660 W., 250 V.

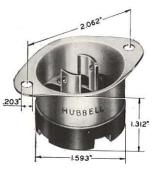
Steel covers plated to resist corrosion.

Bodies and plug base are of black bakelite. May be used with polarized or non-polarized caps listed on page 13.

### 20-AMP. 2-WIRE MOTOR PLUGS



No. 8808 or 9105



No. 8815 or 8816



No. 8817 or 8818



No. 8809

### 20 AMPERES, 250 VOLTS



No. 7191 or 9104

Description

7191 Surface Base, Male Composition\*9104 Surface Base, Male Composition, Polarized

8808 Flush Base, Male. (For Seal-Tite Rubber Plugs. See page 20)

\*9105 Flush Base, Male, Polarized

8815 Flush Base, Male, Exposed Wiring

\*8816 Flush Base, Male, Exposed Wiring, Polarized

8817 Flush Base, Male, Exposed Wiring, with Round Flange

\*8818 Flush Base, Male, Exposed Wiring, with Round Flange, Polarized

8809 Flush Base, Female

\* Polarized — One wide and one narrow blade.

Screw holes in Nos. 7191 and 9104 are spaced 1" on centers. For No. 8 screws.

Metal casings finished to resist corrosion.

### 20 AMP. 2-WIRE PORCELAIN RECEPTACLE



No. 7624

\***7624** Receptacle

Cat. No.

20 AMPERES, 250 VOLTS

Description

Mounting screws 31/32" on centers

\* Appleton Type "W" Unilet with their 5681 Cover or Crouse Hinds No. "W" Series Condulets with No. O Steel Cover or No. OG Cast Cover accommodate 7624 Receptacle



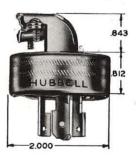
# wist-Lock 20 AMP. 3-WIRE CAPS AND CONNECTOR

### WITH ADJUSTABLE CORD GRIPS-POLARIZED

20 AMP., 250 VOLTS, A.C. or D.C.-10 AMP., 575 VOLTS, A.C.







No. 7354

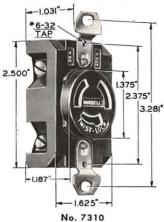


No. 7313

No.	Description	Cord Diameter
*9965	Rubber Cap.	.437 to .750
*/311	Armored Cap	.437 to .750
*7354	Armored Angle Cap	.500 to .625
*7313	Bakelite Body	.437 to .750

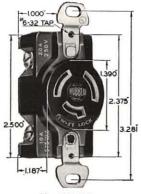
For 3-wire fusible caps, see page 16. \* If desired grounded, suffix letter "G" to catalog number.

### 20 AMP. 3-WIRE FLUSH RECEPTACLES



Porcelain

### POLARIZED -1.000 6-32 TAP



No. 7310-B Bakelite (width of base 1.390)



No. 7517 No. 7517-B

20 AMP., 250 VOLTS, A.C. or D.C.-10 AMP., 575 VOLTS, A.C.

Cat.	
No.	Description
*7310	Porcelain Receptacle
*7310-B	Bakelite Receptacle
* <b>7517</b>	Porcelain Receptacle with 4" Box Cover attached
*7517-B	Bakelite Receptacle, with 4" Box Cover attached
† <b>7502</b>	Rectangular Brass Plate .060", for two No. 7310 Receptacles
<b>▲7418</b>	Cast Metal Plate with Lift Cover
▲7419	Cast Metal Plate, less Lift Cover
	†Requires 3-gang outlet box. No. 7310 and 7310-B take standard single outlet plates.

Steel box covers plated to resist corrosion.

A Fits "FS" and "FD" outlet boxes. \*If desired grounded, suffix letter "G" to catalog number.



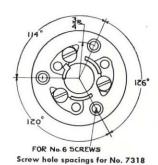
7418

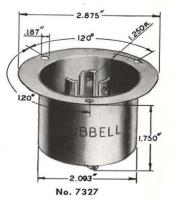


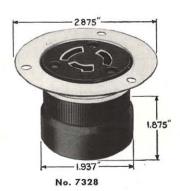
# Twist-Lock 20 AMP. 3-WIRE MOTOR PLUGS

**POLARIZED** 









20 AMP., 250 VOLTS, A.C. or D.C.-10 AMP., 575 VOLTS, A.C.

Cat.

Description

\*7318 Surface Base, Composition, Male, Brown

\*7327 Flush Base in Casing, Male (For Seal-Tite Rubber Plugs, See Page 20)

\*7328 Flush Base, Female, Black

Screw holes in Nos. 7327 and 7328 are spaced 120 degrees apart on  $1\frac{1}{4}$ " radius for No. 8 screws. \* If desired with ground shunt from one contact to cover or casing, suffix letter "G" to catalog number. Metal casings finished to resist corrosion.

### 20 AMP. 3-WIRE CONDUIT BOX RECEPTACLE



No. 7329 Porcelain

Cat. No.

Description

7329 Receptacle, Porcelain, Polarized, Black

Designed for permanent grounding from one contact to conduit system. Mounting screws %-inch centers. Suitable for use with Crouse-Hinds "W" Condulets and "O" cover, Appleton Electric Co. "W" Unilets with No. 5680 cover, and Adalet Mfg. Co. fittings Nos. G2H, G3H and G4H.

20 AMPERES, 250 VOLTS

See page 15 for 3-wire 20 amp. caps to fit No. 7329.

### 3-WIRE FUSIBLE CAPS





No. 7670 \* Showing Fuses



No. 7670 Bakelite

### BLACK BAKELITE—POLARIZED

0-15 AMPERES, 250 VOLTS

Will receive 2 ferrule type cartridge fuses, overall 11/2", diameter of ferrule 13/32". Furnished less fuses.

No.	Description	Diameter Cord
7670	Rubber Cord Grip Cap	.360 to .484
7671	Rubber Cord Grip Cap	.484 to .609
7672	Metal Cord Grip Cap	.296 to .562
7673	Metal Cord Grip Cap	.406 to .625
7674	Metal Cord Grip Cap	.437 to .750

If desired grounded suffix letter "G" to catalog number.

Provides fuse protection to the individual electrical tool or machine which may be fused to its exact capacity and not depend on the line fuse. Prevents annoyance and loss of time due to shut down of entire line when a short occurs. Contact blades fit 20 Amp. 3-Wire devices listed on Pages 15 and 16, Body is made of special impact resisting bakelite.

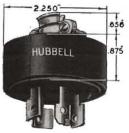
\* Furnished less fuses.



# Twist-Lock 20 AMP. 4-WIRE CAPS AND CONNECTOR

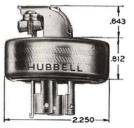
### WITH ADJUSTABLE CORD GRIPS—POLARIZED

20 AMP., 250 VOLTS, A.C. or D.C. - 10 AMP., 575 VOLTS, A.C.





2.250





No. 7426

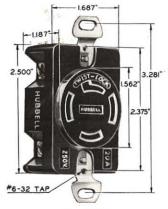
No. 7413

Cat. No.	Description	Cord Diameter
*9967	Rubber Cap	.437 to .750
*7411	Armored Cap	.437 to .750
*7426	Armored Angle Cap	.500 to .625
	Bakelite Connector Body	

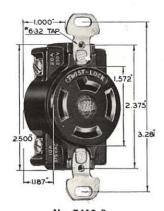
### \*If desired grounded, suffix letter "G" to catalog number.

### 20 AMP. 4-WIRE FLUSH RECEPTACLES

### POLARIZED



No. 7410 Porcelain



No. 7410-B Bakelite (width of base 1.687)

Description



No. 7417 or No. 7417-B

20 AMPERES, 250 VOLTS, A.C. or D.C.-10 AMPERES, 575 VOLTS, A.C.

Cat. No.

\*7410 Porcelain Receptacle

\*7410-B Bakelite Receptacle

\*7417 Porcelain Receptacle with 4" steel box cover attached

\***7417-B** Bakelite Receptacle with 4'' steel box cover attached

Rectangular Single Plate, .060" Brass \*\*7421

7422 Rectangular Brass Plate .060" for Two No. 7410 Receptacles

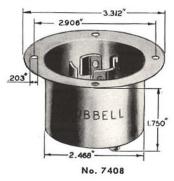
\*\* Fits standard single outlet box.
† Requires 3-gang outlet box. Steel covers plated to resist corrosion.
\* If desired grounded, suffix letter "G" to catalog number.



# Twist-Lock 20 AMP. 4-WIRE MOTOR PLUGS

### POLARIZED







Screw holes in 7408 and 7409 spaced

Screw holes in No. 7415, 178" on cen-

90 degrees apart.

ters - For No. 6 screws.

20 AMPERES, 250 VOLTS, A.C. or D.C. - 10 AMPERES, 575 VOLTS, A.C.

Cat.

Description

\*7415 Surface Base, Male, Composition

\*7408 Flush Base in Casing, Male (For Seal-Tite Rubber Plugs, See Page 21)

\*7409

Flush Base, Female, Bakelite

\* If 4-wire Twist-Lock devices are desired with ground shunt from one contact to cover or casing, suffix letter "G" to catalog number. Metal casings finished to resist corrosion. See Page 17 for Suitable Caps and Connector Body

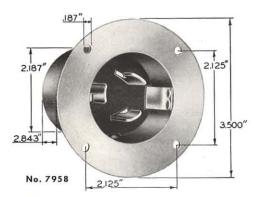
# Wist-Lock 50 AMP. 3-WIRE RECEPTACLES AND PLATES

# WITH SOLDERLESS CONNECTIONS—POLARIZED

Nos. 7380 and 7382 \* Assembled to Outlet Box



No. 7380 or No. 7381 \*\* Two-way Wiring Solderless Connections



50 AMPERES, 250 VOLTS D.C., 50 AMPERES, 600 VOLTS A.C.

Cat.

Description

7380 Flush Receptacle

7381 Flush Receptacle, grounded

7960 Flush Male Motor Base, 3-wire — not grounded

Flush Male Motor Base, 3-wire — grounded to casing 7961

7958 Flush Male Motor Base, 4-wire, with equipment ground

7382 Cast Iron Plate, with Lift Cover

Cast Iron Plate, without Lift Cover

Exposed metal parts finished to resist corrosion. Receptacle and Plate will fit FS and FD Boxes.

Outlet box not supplied.

\*\* The solderless wiring clamps can be swiveled so as to admit wire from end or bottom as shown.

See page 19 for 50-Ampere Male Caps and Connector Bodies to fit these 50 Ampere Receptacles.

WITH

September, 1949

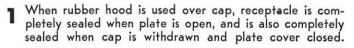
### **DEVICE CATALOG PAGE** NEW

Supplementing Catalog No. 28



Recommended where moisture, conductive dust or metal filings may cause maintenance difficulties

SELF-CLOSING LIFT COVER AND SEALING GASKETS



Spring hinge cover snaps shut when cap is removed. Spring is made of "Grade A Phosphor Bronze."

3 Rubber gasket in cover seals when cover closed.

Vellumoid gasket beneath plate, to seal plate to "FS" or "FD" box.

Plate designed to take 2-wire, 3-wire or

4-wire Twist-Lock caps with or without "Seal-Tite" rubber covers. (See illustration of 3-wire combination below.)

Fiber filling-in ring furnished with each plate — This ring should be placed over raised face of 2-wire or 3-wire receptacles - The wider face of 4-wire receptacles does not require the ring.

FOR USE WITH





No. 7311 Cap Protected by No. 7531 Rubber hood. (Outlet box not furnished)

# Twist-Lock receptacles

No. 7420 Plate and No. 7310 Receptacle assembled with "FS" Type Box.

See Chart For

No. 7420

MATCHING COMBINATIONS

TWIST-LOCK RECEPTACLES	TWIST-LOCK CAPS	RUBBER HOODS TO FIT CAPS
2 Wire 20 Amp. No. 7210 or 7210B	20 Amp. No. 7102	No. 7511
3 Wire 20 Amp. No. 7310 or 7310B	20 Amp. No. 7311	No. 7531
4 Wire 20 Amp. No. 7410 or 7410B	20 Amp. No. 7411	No. 7541
3 Wire 10 Amp. No. 7582	10 Amp. No. 7572	No. 7574

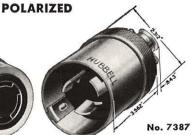
Catalog No.	Description
7420	Metal Weatherproof Plate Complete with Gaskets Finished To Resist Corrosion



## Twist-Lock 50 AMP. 3-WIRE AND 4-WIRE CONNECTORS WITH ADJUSTABLE METAL CORD-GRIPS

50 AMPERES, 250 V. D.C. 50 AMPERES, 600 V. A.C.





SOLDERLESS CONNECTIONS AND ADJUSTABLE METAL CORD-GRIPS

### 3 WIRE—NOT GROUNDED

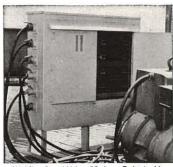
Cat: No.	Description	Cable Diameter
7336	Connector Body	.437 to .562
7343	Connector Body	
7390	Connector Body	.687 to .812
7384	Connector Body	.812 to .937
7396	Connector Body	.937 to 1.062
7339	Male Cap	.437 to .562
7346	Male Cap	.562 to .687
7393	Male Cap	.687 to .812
7387	Male Cap	.812 to .937
7398	Male Cap	.937 to 1.062

### \*3 WIRE—GROUNDED TO CASING

	O WINE-ONG	CINDED IO C
Cat. No.	Description	Cable Diameter
*7337	Connector Body	.437 to .562
*7344	Connector Body	
*7391	Connector Body	.687 to .812
*7385	Connector Body	.812 to .937
*7397	Connector Body	.937 to 1.062
*7340	Male Cap	.437 to .562
*7347	Male Cap	.562 to .687
*7394	Male Cap	.687 to .812
*7388	Male Cap	.812 to .937
*7399	Male Cap	.937 to 1.062

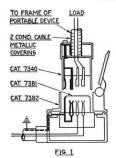
### \*\*4 WIRE—WITH EQUIPMENT GROUND

Cat. No.	Description	Cable Diameter
**7338	Connector Body	.437 to .562
**7345	Connector Body	.562 to .687
**7392	Connector Body	.687 to .812
**7358	Connector Body	.812 to .937
**7386	Connector Body	.937 to 1.062
**7342	Male Cap	.437 to .562
**7348	Male Cap	.562 to .687
**7395	Male Cap	.687 to .812
**7359		.812 to .937
**7389	Male Cap	.937 to 1.062

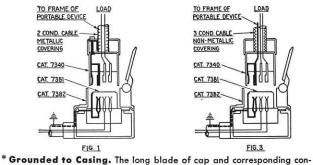


Welding Panel Using 50 Amp. Twist-Lock's

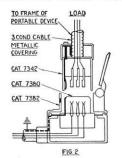
### **GROUNDING DIAGRAMS FOR 50 AMPERE TWIST-LOCK DEVICES**

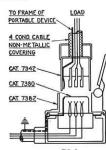


the heavy black lines in Figs. 1 and 3.



tact of connector body are electrically connected to the outer casing. The corresponding contact of the receptacle is electrically connected to the conduit system. If metallic covering of cable is used for the grounding circuit, connection to the casing is made by means of grounding clips regularly installed in all caps and connector bodies. The path of the grounding circuit is shown by





\*\* Equipment Ground. The outer casing of cap, connector body casing and receptacle casing serve as the grounding circuit. The grounding conductor is electrically connected to the casing of cap and connector body by means of a fourth terminal when using non-metallic covered cable. If metallic covering of cable is used for the grounding circuit, connection to the casing is made by means of grounding clips regularly installed in all caps and connector bodies. The receptacle casing is electrically connected to the conduit system. The path of the grounding circuit is shown by the heavy black lines in Figs. 2 and 4.

Metal casings finished to resist corrosion



### SEAL-TITE RUBBER CLOSURE PLUGS

FOR PROTECTION AGAINST BREAKAGE AND MOISTURE

These Closure Plugs are made of rubber, and are designed to keep out dust and moisture when Twist-Lock Flush Receptacles are not in use. Furnished with chain and attaching ring as illustrated.



\*No. 4895 with No. 8808 Receptacle



### FOR Twist-fock MALE RECEPTACLES

Cat. No.	Description
4895	Seal-tite cover with chain, for 8808, 8815 or 8817 Types 2-Wire Receptacle (See Page 14)
4892	Seal-tite cover with chain, for 7327 3-Wire Receptacle (See Page 16)
4893	Seal-tite cover with chain, for 7408 4-Wire Receptacle (See Page 18)

### FOR Twist-Lock FEMALE RECEPTACLES

No.	I	Description
7648	For No. 7535 2-Wire 10 Amp. Receptacle	
7529	For No. 7582 3-Wire 10 Amp. Receptacle	
7532	For No. 7210 2-Wire 20 Amp. Receptacle	
7533	For No. 7310 3-Wire 20 Amp. Receptacle	
7534	For No. 7410 4-Wire 20 Amp. Receptacle	

\* Catalog number does not include Receptacle or Plate

For list prices see Index, Page 113

### "SEAL-TITE" RUBBER COVERS FOR Twist-Lock DEVICES



No. 7310 in Standard "FS" Box and Crouse Hinds Box Cover No. DS-140

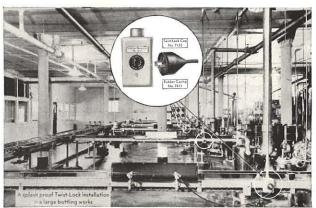


No. 8817



Connector No. 7101 with Rubber Cover No. 7722

SEE PAGES 21 AND 22 FOR COMPLETE LISTING OF THESE RUBBER COVERS



This Illustration Shows Twist-Lock Receptacles Installed in Bottling Works and Protected Against Moisture through the Use of "Seal-Tite" Rubber Cover



# SEAL-TITE RUBBER COVERS FOR COMPLETE Twist-lock CONNECTORS

### PROTECTION AGAINST BREAKAGE AND MOISTURE

Recommended as Lock-Fast Connectors in Packing Plants, Fire Departments, Breweries, Distilleries, Mines, Railroads, Bottling Plants, Dairies, Tunnels and for general Industrial requirements





\*No. 7510 — RUBBER COVER Assembled to Twist-Lock Cap No. 7102 and Body No. 7101

No.	Description
7510	For Nos. 7101 or 7102, 2-Wire
7530	For Nos. 7311 or 7313, 3-Wire
7435	For Nos. 7411 or 7413, 4-Wire
7442	For Nos. 7506 or 7507, 2-Wire
7569	For Nos. 7554 or 7555, 3-Wire
7470	For Nos. 7464 or 7465, 2-Wire
7434	For No. 7464, 2-Wire Midget Connector Body when
	used with No. 7466 or No. 7467 Male Receptacles
7495	For Nos. 7484 or 7485, 3-Wire
7446	For No. 7484, used with No. 7486 3-Wire Male Base
7722	For No. 7101 or 7224, when used with Nos. 8808, 9105, 8815, 8816, 8817 or 8818

Catalog number covers one-half only. Two Covers of same size are used with each complete Connector. Does not include Connector, Plug or Wire.

See below for short and long rubber covers, necessary when Twist-Lock cap is to be used interchangeably with a flush receptacle and connector body.

For easy selector chart, see page 22.

SHORT RUBBER COVERS FOR Twist-lock CAPS WHEN USED WITH FLUSH RECEPTACLES

Cat. No. Description
7511 For No. 7102, 2-Wire Cap
7531 For No. 7311, 3-Wire Cap
7541 For No. 7411, 4-Wire Cap
7497 For No. 7507, 2-Wire Cap
7617 For 7542, 7549, 7588 or 7589, 2-Wire Caps
7574 For No. 7572, 3-Wire Cap
7490 For No. 7465, 2-Wire Cap

**7440** For No. 7485, 3-Wire Cap

Cat.



No. 7216 (Listed on page 13)

# LONG RUBBER COVERS FOR CONNECTOR BODIES WHEN USED WITH NO. 7511 TYPE SHORT COVERS

Cat. No.	Description
7521	For No. 7101, when used with No. 7511
7522	For No. 7313, when used with No. 7531
7509	For No. 7413, when used with No. 7541
7496	For No. 7506, when used with No. 7497
7447	For No. 7555, when used with No. 7574
7459	For No. 7464, when used with No. 7490
7499	For No. 7484, when used with No. 7440



\* No. 7521 COVER on No. 7101 CONNECTOR

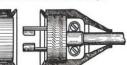
<sup>\*</sup> Catalog number covers rubber cover only.



### SEAL-TITE" RUBBER COVERS FOR Twist-Lock DEVICES

Recommended as Moisture **Proof Connectors in Packing** Plants, Fire Departments, Breweries, Distilleries, Mines, Bottling Plants, Dairies, Tunnels and for General Industrial Requirements.

For Flush Receptacles only—Use long covers in column 1 for connector bodies and short covers in column 2 for caps.



For Complete Cord Connectors—Use identical Rubber Covers in columns 3 and 4 for both cap and connector body.







3-WIRE MIDGET SIZE





CAT. 7459 FOR No.7464TYPE PART P-1686

COLUMN I

CAT.7490 FORNO 7465TYPE PART P-1663

COLUMN 2

CAT.7470 F0RNo.7464 0R No.7465

COLUMN 3

CAT.7470 FOR No.7464 OR No.7465

COLUMN 4

No. 7464

No. 7465

■ See footnote for No. 7434 Rubber Cover



CAT. 7440 FOR No.7485TYPE PART P-1683

CAT. 7495 FOR No.7484 OR No.7485 PART P-1661

CAT. 7495 FOR No.7484 OR No.7485 PART P-1661

No. 7484



No. 7485

PART P-1688

CAT. 7497

CAT. 7442 F0RNo.7506 OR No.7507 TYPES CAT. 7442 FOR No.7506 OR No.7507 TYPES PART P-1689

2-WIRE 10 AMP. SIZE





CAT. 7496 FOR No 7506 TYPE PART P-1679

FOR No.7507TYPE PART P-1680

▲ See footnote for No. 7617

3-WIRE 10 AMP. SIZE



No. 7555



CAT.7447 FOR No.7555TYPE PART P-1690 \* No. 7572

CAT. 7574 FOR No.7572TYPE PART P-1674

CAT. 7569 F0R No.7554 OR No.7555TYPES

CAT. 7569 FORNO 7554 OR NO 7555 TYPES PART P-1522

2-WIRE 20 AMP. SIZE



No. 7101



No. 7102

No. 7311

CAT 7521 FOR No 7101 TYPE PART P-1598 CAT 7511 FOR No7/OZ TYPE PART P-1524

CAT. 7510 FOR No.7101 ORNo.7102 TYPES PART P-1437

CAT. 7510 FOR No.7IOI OR No.7IO2 TYPES PART P-1437

3-WIRE 20 AMP. SIZE



No. 7313

CAT: 7522

CAT 7531 FOR No.73II ONLY PART P-1526

CAT. 7530 FOR No.7311 OR No.7313 PART P-1514

† See footnote for No. 7722

CAT.7530

4-WIRE 20 AMP. SIZE





FOR No. 7313 ONLY PART P-1638

CAT. 7509

PART P-1642

FOR No.7413 ONLY

CAT. 7541

FOR No.7411 ONLY

PART P-1528

CAT.7435 FOR No.7411 OR No.7413 PART P-1516

CAT. 7435 FOR No.7411 OR No.7413 PART P-1516

<sup>\*</sup> Metal covered cap No. 7572 is required for No. 7574 rubber hood in column 2, but Bakelite cap No. 7554 must be used with cover No. 7569 in columns 3 and 4. ▲No. 7617 Rubber Cover listed on page 21 is available for No. 7542 cap which is similar to No. 7507 type except armored.

<sup>†</sup> No. 7722 Rubber Cover listed on page 21 is available for No. 7101 Connector when used with Male Receptacles Nos. 8808, 9105, 8815, 8816 and 8817. ■No. 7434 Rubber Cover listed on page 21 is available for No. 7464 when used with Male Receptacle No. 7466 or No. 7467.



# Hubbellock TRADE-MARK Sealed Power

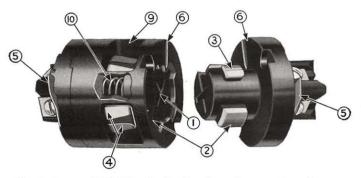
# FOR HEAVY DUTY SERVICE

Hubbellock devices break the circuit and seal it in a split second.

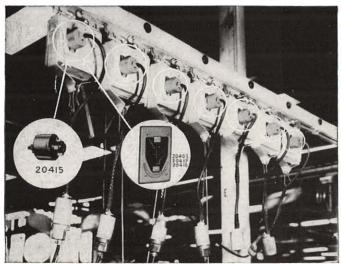
Completely divorced from the unsupported "pin and sleeve" style, the rugged contacts of the cap are machined from heavy brass stock and molded into special, impact-resisting Bakelite supporting posts which absolutely prevents shifting out of alignment or bending or twisting, no matter how rough the usage.

The lock is positive with nothing to jam out-of-order and therefore allows no accidental breaking of current with consequent loss of production.

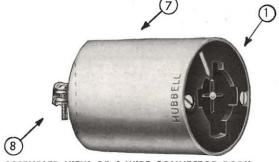
Their "dead front" eliminates the danger of arcing and also protects the contacts from dust and grime accumulation.



Cut-away of Hubbellock 4-wire Connector, Less Steel Casing, Showing Rugged Construction and Thorough Hubbell Engineering



4-WIRE HUBBELLOCK RECEPTACLES AND CONNECTORS INSTALLED IN BULLDOG "TROL-E-DUCT" IN A LARGE AUTOMOBILE PLANT.



ASSEMBLED VIEW OF 4-WIRE CONNECTOR BODY SHOWING DEAD FRONT AND HEAVY STEEL SHELL

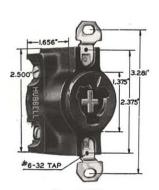
### **FEATURES**

- Dead Front Safety Shutter isolates contacts, snuffs arc, keeps out dust.
- Wide Slot and corresponding contact blade assure positive polarity.
- 3. Contact Blades molded into heavy Bakelite hub.
- **4.** Perfect Contact Guaranteed by supplementary tension springs located in back of and pressing against phosphor bronze contact springs.
- 5. Phosphor Bronze Grounding Contact.
- **6.** Red Guide Lines show correct position for putting devices together.
- 7. 1/6" Steel Casing is plated to prevent corrosion. (See casing illustrated above.)
- **8.** Rubber or Steel cord grips fully protected to prevent entrance of dust or moisture.
- 9. Unusually Thick, Impact Resisting Bakelite Body.
- 10. Safety Shutter Spring.



# Hubbellock 10 AMP. 3-WIRE RECEPTACLES AND PLATES

ARK 10 AMPERES, 250 VOLTS D.C.; 460 VOLTS A.C.—20 AMPERES, 125 VOLTS A.C. OR D.C.



No. 23000



No. 23007 Assembled to No. 23000 Receptacle

Description



No. 23015

Cat. No.

23000 Black Bakelite Receptacle

\*23007 Cast Metal Plate with Lift Cover (Fit Crouse Hinds and Appleton"FS" Boxes)

\*23008 Plate without Lift Cover (Fit Crouse Hinds and Appleton "FS" Boxes)
23015 Male Receptacle permanently attached to Cast Metal Lift Cover Plate

\* See Page 29 for catalog numbers of these plates made to fit other makes of "FS" Boxes.

Steel covers plated to resist corrosion. Receptacle and Plates will fit FS and FD Boxes. Receptacle will fit standard switch boxes and single Convenience Outlet Plates. If desired grounded, suffix letter "G" to catalog number. Take Caps or Bodies listed below.

All 3-Wire Hubbellocks regularly shipped ungrounded.

# 10 AMP. 3-WIRE CAPS AND CONNECTORS

10 AMPERES, 250 VOLTS D.C.; 460 VOLTS A.C. 20 AMPERES, 125 VOLTS A.C. OR D.C.

### WITH ADJUSTABLE METAL CORD-GRIPS

Equipped with ½-inch sponge rubber discs located in neck of steel casings to prevent entrance of dust.

Cat. No.	Description	Cable Diameter
23002	Connector Body	296 to .562
23005	Cap	296 to .562
23003	Connector Body	
23006	Cap	
23009	Connector Body with 1/2" femo	ale pipe thread, in
23016	Cap, 1/2" female pipe thread, ir	place of cord-grip
If desired	with ground shunt from contact to cover	or casing, suffix letter "G" to catalog number.

WITH RUBBER CORD-GRIPS

Cat. No.	Description	Cable Diameter
23010	Connector Body	.360 to .484
23011	Cap	
23001	Connector Body	.484 to .609
23004	Сар	

All 3-Wire Hubbellocks regularly shipped ungrounded.

If desired with ground shunt from contact to cover or casing, suffix letter "G" to catalog number. For 3-Wire Fusible Caps for above receptacles, see page 25.

Steel covers and casings plated to resist corrosion



No. 23002 or 23003



No. 23005 or 23006



No. 23010 or 23001



No. 23011 or 23004



# Hubbellock 10 AMP. 3-WIRE FLUSH RECEPTACLE

10 AMPERES, 250 VOLTS D.C.; 460 VOLTS A.C.-20 AMPERES, 125 VOLTS A.C. OR D.C.

Cat. No.

Description

Car- Std. Wt., Lbs. ton Pkg. Std. Pkg.

23020 Male receptacle, flush mounting 5

5 2

20 4

Takes any 10 Amp. 3-Wire Connector Body, Listed on Page 24.

All 3-wire HUBBELLOCKS regularly shipped ungrounded.

If desired grounded, suffix letter "G" to catalog number.

Steel casings plated to resist corrosion

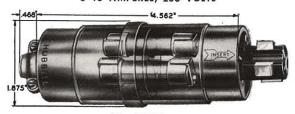




No. 23020

### 3-WIRE FUSIBLE CAPS

0-15 AMPERES, 250 VOLTS



\*No. 23026

Cat. No.	Description	Cable Diameter
23028	Rubber Cord Grip Cap	.360 to .484
23025	Rubber Cord Grip Cap	.484 to .609
23026	Adjustable Metal Cord Grip Cap	.296 to .562
23027	Adjustable Metal Cord Grip Cap	.406 to .625

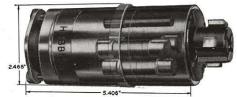
Will receive 2 ferrule type cartridge fuses. Fuse length overall  $1\frac{1}{2}$ ", diameter  $\frac{13}{32}$ ". Will fit 3-wire receptacles and cord connectors listed on page 24. \* Furnished less fuses.

All 3-wire HUBBELLOCKS regularly shipped ungrounded. If desired with ground shunt from contact to cover or casing, suffix letter "G" to catalog number.

Steel casings plated to resist corrosion

### 4-WIRE FUSIBLE CAPS

0-30 AMPERES, 250 VOLTS



\*No. 21421

Cat. No.	Description	Cable Diameter
21421	Rubber Cord Grip Cap	.360 to .484
21431	Rubber Cord Grip Cap	.484 to .609
21432	Rubber Cord Grip Cap	
21429	Rubber Cord Grip Cap	.750 to .875
21422	Rubber Cord Grip Cap	
20421	Adjustable Metal Cord Grip Cap	

Will receive 3 ferrule type cartridge fuses. Fuse length overall 2", diameter 9/16".
\*Furnished less fuses.

Will fit 4-wire receptacles and cord connectors listed on page 26.

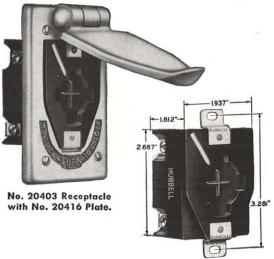
Steel covers and casings plated to resist corrosion



Hubbellock Fusible Caps provides Fuse Protection to the Individual Electrical Tool or Machine.



# Hubbellock 4-WIRE RECEPTACLE AND PLATES



No. 20403

20 AMPERES, 250 VOLTS D.C.; 30 AMPERES, 600 VOLTS A.C.

Description

.

20403 Bakelite Receptacle, less Plate

\*20416 Cast Metal Plate, with Cover

\*20417 Cast Metal Plate, without Cover

\* Fit Crouse Hinds and Appleton "FS" Boxes—See Page 29 for these Plates
made to fit other makes of "FS" Boxes

Steel covers plated to resist corrosion.

Receptacle and Plates will fit FS and FD Boxes.

### 4-WIRE CONNECTORS AND CAPS

WITH ADJUSTABLE METAL CORD GRIPS

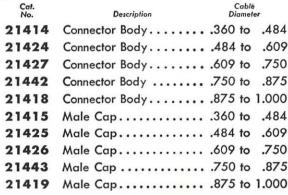
20 AMPERES, 250 VOLTS D.C.; 30 AMPERES, 600 VOLTS A.C.

Cat. No. Description Cable Diameter

20414 Connector Body.....400 to .750

20415 Male Cap.......400 to .750





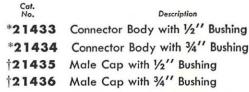
Steel covers plated to resist corrosion.

• Type of shell shown is used on Nos. 21414, 21424, 21415, 21425.

• Type of shell shown is used on Nos. 21426, 21427, 21442, 21418, 21443, 21419.

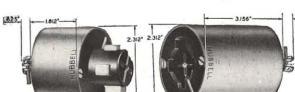
### WITH 1/2" OR 3/4" THREADED BUSHINGS

### 20 AMPERES, 250 VOLTS D.C.; 30 AMPERES, 600 VOLTS A.C.



Steel covers and casings plated to resist corrosion

\*See illustration No. 20414 above for Body Dimensions †See illustration No. 20415 above for Cap Dimensions



No. 20415

No. 20414



No. 21414



No. 21426



No. 21435 or No. 21436 Body dimensions same as No. 20415 above

All 4-wire Hubbellocks are shipped grounded unless otherwise specified.



# Hubbellock 4-WIRE WEATHERTIGHT DEVICES

WITH RUBBER CORD GRIPS

20 AMPERES, 250 VOLTS D.C. 30 AMPERES, 600 VOLTS A.C.

### FEMALE RECEPTACLE AND CAPS

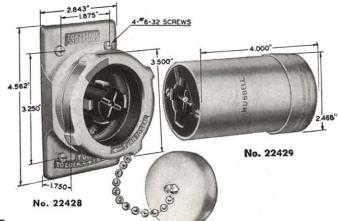
Cat. No.	Cable Description Diameter
22427	Female Receptacle with Bronze
	Plate and Sealing Ring
22415	Male Cap 360 to 484
22425	Male Cap 484 to . 609
22422	Male Cap 609 to . 750
22443	Male Cap 750 to 875
22419	Male Cap 875 to 1.000

### MALE RECEPTACLE AND BODIES

Cat. No.	Cable Description Diameter
22428	Male Receptacle with Bronze Plate and Sealing Ring
22429	Connector Body360 to .484
22430	Connector Body484 to .609
22431	Connector Body609 to .750
22442	Connector Body750 to .875
22432	Connector Body875 to 1.000

Above male and female receptacles and plates will fit FS and FD Boxes.

# 2.843" 4.\*6-32 SCREWS 3.250 3.250 No. 22415 No. 22427



### WEATHERTIGHT CONNECTORS

WITH RUBBER CORD GRIPS

### 20 AMPERES, 250 VOLTS D.C.; 30 AMPERES, 600 VOLTS A.C.

Cat. No.	Description	Cable Diameter	
122414	Connector Body	.360 to	.484
†22424	Connector Body	.484 to	.609
†22426	Connector Body	.609 to	.750
122441	Connector Body	.750 to	.875
†22418	Connector Body	.875 to	1.000
22415	Male Cap	.360 to	.484
22425	Male Cap	.484 to	.609
22422	Male Cap	.609 to	.750
22443	Male Cap	.750 to	.875
22419	Male Cap	.875 to	1.000

† Screw tightening ring and outer threaded casting of connector bodies are made of cast bronze to prevent corrosion of threaded parts. All other exposed metal parts plated to resist corrosion.

All 4-wire HUBBELLOCKS are shipped "grounded" unless otherwise specified.

For list prices see Index, Page 113.



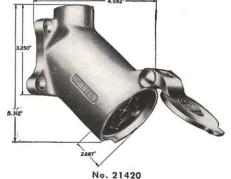
No. 22414



No. 22415



Hubbellock 4-WIRE ANGLE WEATHERPROOF
RECEPTACLES



20 AMPERES, 250 VOLTS D.C.; 30 AMPERES, 600 VOLTS A.C.

Cat.

Description

21420 Female Receptacle, tapped for 3/4" conduit

21447 Male Receptacle, tapped for 3/4" conduit.

Takes any of the Caps or Connector Bodies listed on page 26.

All 4-wire HUBBELLOCKS are shipped "grounded" unless otherwise specified.

### 4-WIRE MALE MOTOR PLUG BASES

20 AMPERES, 250 VOLTS D.C. 30 AMPERES, 600 VOLTS A.C.

2.843'
No.
\*20418
20420
Furnished co

No. 20418

Description

\*20418 For FS and FD Boxes

20420 For 31/4" Outlet Boxes

Furnished complete as illustrated.

Take Female Bodies Nos. 20414 and 21414 types. (see pg. 26)
All 4-wire HUBBELLOCKS are shipped "grounded" unless otherwise specified.

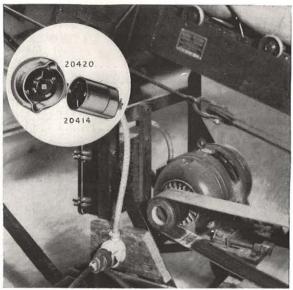
\* See Page 29 for catalog numbers of this plate made to fit different makes of "FS" Boxes



No. 20420



**Hubbellock Used in Mining Operation** 



Hubbellock Used with Grain Conveyor



# Hubbellock Plates with special screw spacings and screw holes to fit various makes of "Fs" fittings

Cast Iron Plates Nos. 20416 and 20417 listed on page 26, were designed to take "FS" fittings made by Crouse-Hinds Co. and Appleton Electric Co. There are "FS" fittings made by other manufacturers, having screw spacings and screw holes that do not fit regular Nos. 20416 and 20417 "Hubbellock" Plates, therefore, in order to service all requirements, we are prepared to furnish "Hubbellock" cover plates to accommodate the "FS" fittings made by other fitting manufacturers, which may be ordered under the following catalog numbers:

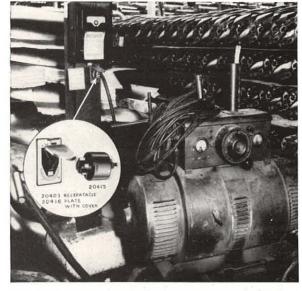
### Plates For No. 20403 4-Wire Hubbellock Receptacle

For	For	For	For	For	For	For
Crouse Hinds	Appleton	Taplet	Simplet	Kondu	Thomas & Betts	Killark
FS Fittings	FS Fittings	FS Fittings	FS Fittings	FS Fittings	FS Fittings	KE Fittings
Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
*20416	*20416	T-20416	5-20416	K-20416	TB-20416	KE-20416
*20417	*20417	T-20417	S-20417	K-20417	TB-20417	KE-20417
*20418	*20418	T-20418	5-20418	K-20418	TB-20418	KE-20418

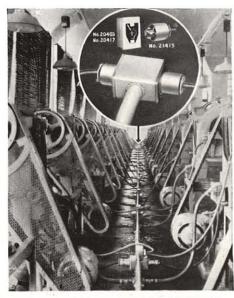
For No. 23000 3-Wire Hubbellock Receptacle; also Twist-Lock Receptacles Nos. 7582, 7210, and 7310

| Cat. No. |
|----------|----------|----------|----------|----------|----------|----------|
| CH-23007 | 23007    | T-23007  | 5-23007  | K-23007  | TB-23007 | KE-23007 |
| CH-23008 | 23008    | T-23008  | 5-23008  | K-23008  | TB-23008 | KE-23008 |

<sup>\*</sup>For Crouse-Hinds and Appleton Fittings, our regular catalog numbers are used since they are of standard dimensions. For other makes of "FS" fittings, simply use prefix letters before the regular catalog numbers as listed.



HUBBELLOCK USED WITH ELECTRIC WELDERS IN LARGE
AUTOMOBILE PLANT



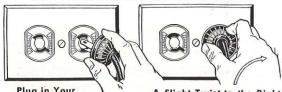
HUBBELLOCKS USED WITH AUTOMATIC
CHAIN-MAKING MACHINES



## **DUPLEX RECEPTACLES**

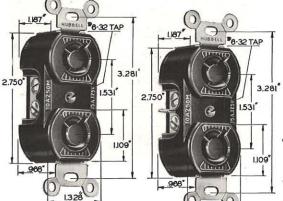
### HOLDS CAPS FROM FALLING OUT

TAKES STANDARD PARALLEL BLADED CAPS



Plug in Your Regular Cap

A Slight Twist to the Right and Cap Engages an Extra **Tight Position** 



No. 9216

1.328

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.

Description

9200 Bakelite, Brown, Washer Ears

9200-I Bakelite, Ivorine, Washer Ears

9224 Bakelite, Brown, Narrow Ears

9205 Receptacle, Brown, with 31/4" Steel Box

9206 Receptacle, Brown, with 4" Steel Box

Cover

### WITH SEPARATE FEEDS

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS **Each Outlet** 

One outlet can be wired to a switch for independent control of an appliance and the other outlet permanently alive at all times.

Cat. No.

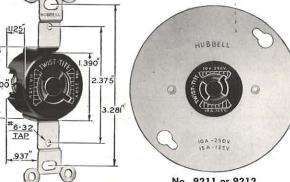
Description

9216

Bakelite, Two Feeds One Return

9217

Bakelite, Two Feeds Two Returns



No. 9211 or 9212

## Twist-Tite SINGLE RECEPTACLES

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.

Description

9210

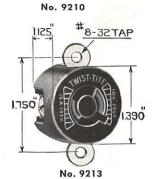
Bakelite, Brown, Washer Ears

9211

Bakelite, Brown, with 31/4" Box Cover

9212

Bakelite, Brown, with 4" Box Cover



No. 9200

9-32TAP 1.937 No. 9218

### SINGLE RECEPTACLES

### WITH SHORT MOUNTING STRAPS

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Description

9213

Cat.

Bakelite Receptacle, Brown

9218 Bakelite Receptacle, Brown

For suitable parallel bladed caps for above receptacles, see pages 41 to 44. For polarized cap for above receptacles, see page 43. For list prices see Index, Page 113.



# Twist-Tite four outlet cluster receptacle

### EXTRA TIGHT POSITION HOLDS CAPS FROM FALLING OUT

TAKES STANDARD 10-AMP. PARALLEL BLADED CAPS



1/2 Actual Size

## THE HUBBELL Twist-Tite CLUSTER RECEPTACLE PROVIDES . . .

- Four outlets which receive standard parallel bladed plug caps.
- 2. Outlets are made of bakelite.
- TWIST-TITE feature with extra tight position for gripping blades prevents accidental pulling out of plug caps.
- Large swivel hook for conveniently hanging up the receptacle. Swivel feature allows receptacle to rotate.
- Adjustable grips for cords from .296 to .562.
- Solderless connections for incoming feed wire.
- All exposed metal finished to resist corrosion.



10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.

Description

\*9225 Twist-Tite Cluster Receptacle, less cord

If desired grounded suffix letter "G" to catalog number

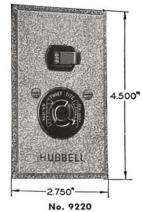
### Twist-Tite COMBINATION SWITCH AND OUTLET

This Switch and Outlet Combination provides an additional Convenience Outlet in each room, to plug in a vacuum cleaner or other electrically operated device.

The "Twist-Tite" Receptacle takes standard parallel bladed caps, and is so made that when the cap is turned to the right, the blades engage an extra tight position, thus preventing it from falling out when the vacuum cleaner is in use. The units are independently wired for separate control of light or appliance.

RECEPTACLE RATING: 10 AMP. 250 V.—15 AMP. 125 V. SWITCH RATING: 5 AMP. 250 V.—10 AMP. 125 V.T.





For list prices see Index, Page 113.

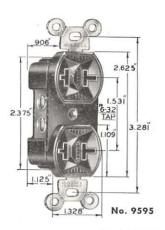
Description



#### SPECIFICATION GRADE

# DUPLEX CONVENIENCE OUTLETS

#### SIDE WIRED—DOUBLE T-SLOTS







(1) HUBBELL

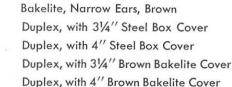
\*No. 9595-I

\*No. 9575

Nos. 7260 or 7137

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.	Description
9595	Bakelite, Washer Ears, Brown
*9595-I	Ivorine, Washer Ears
*9575	Bakelite, Narrow Ears, Brown
7260	Duplex, with 31/4" Steel Box Cove
7137	Duplex, with 4" Steel Box Cover
9596	Duplex with 31/4" Brown Bakelite (



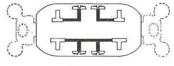
\* Dimensions same as No. 9595

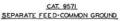
9597

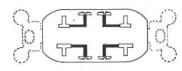


Nos. 9596 or 9597

#### WITH SEPARATE FEEDS—SIDE WIRED







SEPARATE FEED- SEPARATE GROUND

One Outlet can be wired to a switch for independent control of lamps, and the other outlet permanently alive at all times

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

#### EACH OUTLET

Cat. Description 9571 Bakelite, Two Feeds One Return, Washer Ears, Brown 9571-1 Ivorine, Two Feeds One Return, Washer Ears 9573 Bakelite, Two Feeds Two Returns, Washer Ears, Brown 9573-1 Ivorine, Two Feeds Two Returns, Washer Ears



Nos. 9571 or 9573 Dimensions same as No. 9595 above

For suitable caps for above receptacles see pages 41 to 45. For list prices see Index, Page 113.



# **NEW DEVICE CATALOG PAGE**



# THE HUBBELL NO. SP-49

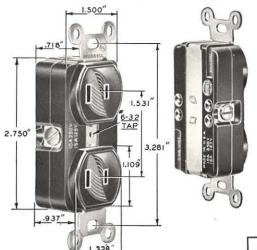
# THE SAFETY-PLUS RECEPTACLE MAKES CONTACT ONLY WHEN

STANDARD CAP IS INSERTED



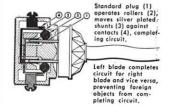
The new Hubbell SP-49 Safety-Plus Receptacle is the safest receptacle ever built . . . Knife blades, pins, wires or other foreign objects inserted into the receptacle will not energize the unit! It's the only conventionally operated safety receptacle that makes contact ONLY WHEN STANDARD OR POLARIZED CAPS ARE INSERTED! Fully tested and approved by Underwriters' Laboratories, Inc., the Hubbell SP-49 Safety-Plus Receptacle is recommended for homes with children, hospitals, institutions, etc.

#### CHECK THESE HUBBELL SP-49 SAFETY-PLUS RECEPTACLE FEATURES!



- Silver Plated Contact Springs.
- Shallower—More Wire Room.
- Back or Side Wiring—Two additional back wiring holes are provided for the attachment of wires to extend the circuit if desired.
- Wire Strip Gauges for Side or Back Wiring.
- Interlocking Mounting Straps.
- Takes Standard Parallel or Polarized Parallel Caps.
- Washer Ears.

#### THE HEART OF THE UNIT



The heart of the Hubbell SP-49 Safety-Plus is four insulated rollers, two of which have to be engaged simultaneously by standard cap blades in order to energize the unit. The receptacle operates in a conventional manner, yet the rollers are located within the unit in such a way as to prevent activation with knife blades, wires, pins or other foreign objects.



FOR NEW DISPLAY PACKAGE SEE OTHER SIDE OF SHEET

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

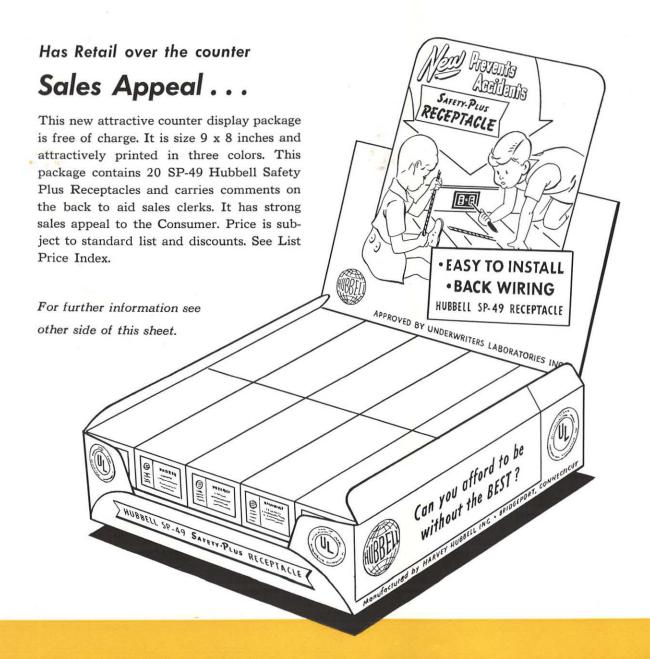
Catalog No.	Description
SP-49	Duplex Safety Receptacle, Brown
SP-49-I	Duplex Safety Receptacle, Ivorine
SP-49-4	Duplex Safety Receptacle, Brown on 4" Steel box cover.

April, 1950



# **NEW DEVICE CATALOG PAGE**

# New Counter Display Package FOR SP-49 HUBBELL SAFETY PLUS RECEPTACLE

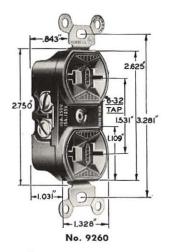




#### SPECIFICATION GRADE

# DUPLEX CONVENIENCE OUTLETS

BACK OR SIDE WIRED—DOUBLE T-SLOTS



A-BACK WIRING HOLES

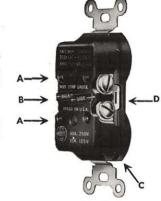
B-WIRE STRIP-GAUGE FOR SIDE OR BACK WIRING

C-WIRE LOOPING SLOT

D—BREAK-OFF FEATURE FOR TWO CIRCUIT IN-STALLATIONS

10 AMPERES, 250 VOLTS;

15 AMPERES, 125 VOLTS



No. 9260

Showing back wiring

No.			Descrip	otion
9260	Bakelite,	Washer	Ears,	Brown
9260-I	Ivorine, V	Vasher E	ars	

9261 Bakelite, Brown, with 31/4" Steel Box Cover
9262 Bakelite, Brown, with 4" Steel Box Cover

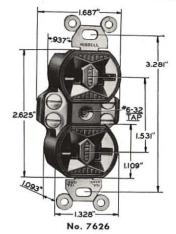
9263 Bakelite, with 31/4" Brown Bakelite Cover9264 Bakelite, with 4" Brown Bakelite Cover

#### BACK OR SIDE WIRING

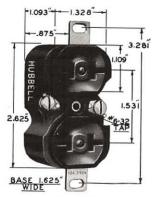
- Made of two-piece moulded bakelite, totally enclosed. A distinctive feature is the new PRESSURE TYPE WIRE TERMI-NALS, making it possible to wire from the back, or for conventional side wiring.
- No looping of wires is necessary for back wiring — simply remove insulation as indicated by STRIP-GAUGE impressed in bottom of bakelite body and insert wire straight into hole, then tighten down side binding screws in usual manner.
- For conventional side wiring, loops can be quickly made by inserting wire in slot directly under plaster ears, specially provided for bending.
- Receptacle may be converted for two circuit installations by breaking off connection between binding screws. (See wiring diagrams, page 32.)

# DUPLEX CONVENIENCE OUTLETS

TOP WIRED—DOUBLE T-SLOTS



10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS



No. 6257

No.

Description

7626 Bakelite, Washer Ears, Brown, Double Binding Screws

7626-I Ivorine, Washer Ears, Double Binding Screws

6257 Porcelain, Narrow Ears, Black, Single Binding Screws

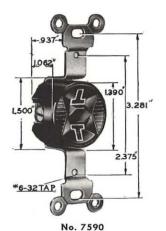
For suitable caps for above receptacles see pages 41 to 45. For list prices see Index, Page 113.

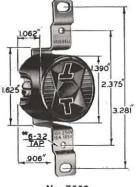


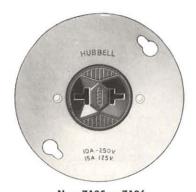
#### SPECIFICATION GRADE

# SINGLE CONVENIENCE OUTLETS

#### SIDE WIRED—DOUBLE T-SLOTS







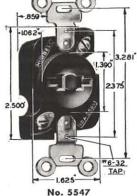
No. 7550

Nos. 7135 or 7136



10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

#### SIDE WIRED



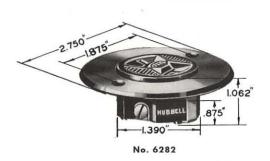
Cat. No. Description 7590 Bakelite, Washer Ears, Brown 7590-I Ivorine, Washer Ears 7550 Bakelite, Narrow Ears, Brown 7135 Bakelite, with 31/4" Steel Box Cover Bakelite, with 4" Steel Box Cover 7136

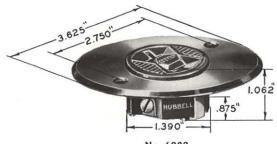
TOP WIRED

Black Porcelain, Washer Ears 5547

# SINGLE CONVENIENCE OUTLETS

#### WITH ROUND SOLID BRASS PLATES





No. 6283

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat.

Description

6282

Bakelite, Brown, 23/4" Bevel Plate

6283

Bakelite, Brown, 35/8" Bevel Plate

For suitable caps for above receptacles see pages 41 to 45. For list prices see Index, Page 113.



#### INTERMEDIATE GRADE

# DUPLEX CONVENIENCE OUTLETS

DOUBLE CONTACT SPRINGS—WASHER EARS—PARALLEL SLOTS







Description

No. 9690-I



No. 9693 or 9694

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

9690 Duplex, Bakelite, Washer Ears, Brown
9690-I Duplex, Ivorine, Washer Ears
9693 Duplex, with 31/4" Steel Box Cover
9694 Duplex, with 4" Steel Box Cover
9698 Duplex, with 31/4" Brown Bakelite Box Cover \*9698

Duplex, with 4" Brown Bakelite Box Cover

\* Suitable for insulated or grounded installations. Ideal for farm installations where grounding is difficult. Bakelite cover is impervious to moisture and fumes.

# GRADE CONVENIENCE OUTLETS

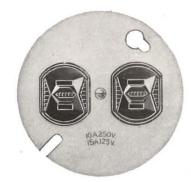
#### SINGLE CONTACT SPRINGS—PARALLEL SLOTS



No. 9890



No. 9892



No. 9994 or 9995

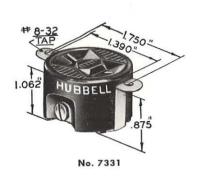
#### 10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

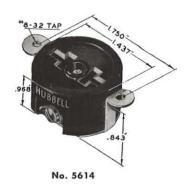
Description
Duplex, Bakelite, Wide Ears, Brown
Duplex, "Ivorine", Wide Ears
Duplex, with 31/4" Steel Box Cover
Duplex, with 4" Steel Box Cover
Duplex, with 31/4" Brown Bakelite Cover
Duplex, with 4" Brown Bakelite Cover
Single, Bakelite, Wide Ears, Brown
Single, Ivorine, Wide Ears
Single, with 31/4" Steel Box Cover
Single, with 4" Steel Box Cover

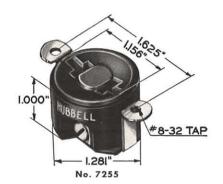


# 10 AMP. ROUND FLUSH RECEPTACLES

#### WITH DOUBLE T-SLOTS







#### 10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

\*7331 Receptacle, Bakelite, Brown

\*5614 Receptacle, Porcelain, Black

\*7255 Receptacle, Composition, Black

**7332** Receptacle with Flange, Composition, Black .406

.203 2.500"

.203 1.375

HUBBELL

I.500"

No. 7332

TAKE STANDARD 10 AMP. CAPS PARALLEL, TANDEM OR POLARIZED PARALLEL BLADES

\* Furnished with mounting bridges of various dimensions on special orders.

Cord

Diameter

# CARTRIDGE FUSE PLUG

#### WITH DOUBLE T-SLOTS

660 WATTS, 250 VOLTS

Complete with 6-ampere, Type C baby fuse. Fuse length over all, 1½ inches. Diameter, 13/32 inch.



Cat.

Description

5826 Fuse Plug, double T-slots

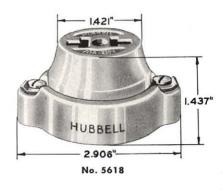
For suitable caps for above receptacles see pages 41 to 45.



# 10 AMP. PORCELAIN RECEPTACLES

#### WITH DOUBLE T-SLOTS







10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.

Description

5617 Porcelain, Concealed Base (Wired from Back)

Mounting Screws, 117/32" centers.

5618 Porcelain, Cleat Base

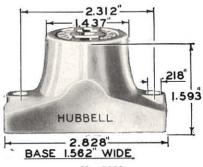
Mounting Screws, 113/32" centers.

5619 Porcelain, Moulding Base

Mounting Screws, 11/8" centers.

5620 Porcelain, Fielding Base

Mounting Screws, 25/16" centers.



No. 5620

# PORCELAIN BOX RECEPTACLES

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat.

Description

\*5624 Porcelain, Conduit Box Base

Mounting Screws, 5/8" centers.

7027 Porcelain, Outlet Box Receptacle

\* Fits Appleton "W" Unilet and No. 5680 cover also fits Crouse-Hinds "W" Condulet.

1.406" HUBBELL 1.750"



No. 5624

No. 7027

#### RECEPTACLE WEATHERPROOF PLUG

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat.

6293 With double T slots, Composition



No. 6293

For suitable caps for above receptacles see pages 41 to 45.



## OUTDOOR FLUSH RECEPTACLES

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS



No. 7792



No. 7791



No. 7793

The regular plug cap may be protected by use of metal shield No. 7793. A rubber mat fits under the plate. Exposed metal parts are plated to resist corrosion.

Cat. No.

Description

7792 Single, with Plate, less No. 7793, Double T-Slots

7790 Single, with Plate for "FS" Fittings, less No. 7793, Double T-Slots

7791 Duplex, with Plate, less No. 7793, Parallel Slots

\*7794 Single, 3-Wire with Plate, less No. 7793 (not illustrated)

7793 Metal Threaded Shield for covering a regular 2-wire or 3-wire cap

\*No. 6149 3-wire cap should be used with No. 7794 (see page 56). Units are complete with Brass Plate, Metal Covers, Rubber Plates and Covers are finished to resist corrosion.



No. 7710

# FAN HANGER OUTLET

10 AMPERES, 250 VOLTS
15 AMPERES, 125 VOLTS

Cat. No.

Description

7710 2-Wire, Yoke Support with .060" Brass Plate
7714 2-Wire, Stud Support with .060" Brass Plate
7718 3-Wire, Yoke Support with .060" Brass Plate
7719 3-Wire, Stud Support with .060" Brass Plate



No. 7718

# OUTLET AND PILOT LIGHT



No. 7711

10 AMPERES, 250 VOLTS 15 AMPERES, 125 VOLTS

Description

Cat.

7711 With No. 7713 .060 Brass Plate

7728 With No. 7729 Bakelite Plate

7712 Receptacle only

7713 .060 Brush Brass Plate only

7729 Bakelite Plate only

Light goes on when plug is inserted. No. 433 lamp fits Nos. 7711, 7712 and 7728. See page 40 for separate lamp.

For suitable caps for above receptacles see pages 41 to 45. For list prices see Index, Page 113.



# SWITCH AND PILOT LIGHT

S.P. and 3-Way-10 AMPERES, 125 VOLTS; 5 AMPERES, 250 VOLTS; D.P.-10 AMPERES, 250 VOLTS

Cat. No.	Description
7739	Single Pole, complete with .060" Brass Plate
7956	Double Pole, complete with .060" Brass Plate
7953	3-Way, complete with .060" Brass Plate
7759	Single Pole complete with Ornamental Bakelite Plate
7957	Double Pole with Ornamental Bakelite Plate
7954	3-Way, with Ornamental Bakelite Plate
	No. 433 or No. 434 lamps listed on page 40, fit above Pilot Lights





No. 7739

No. 7759

# OUTLET AND SWITCH

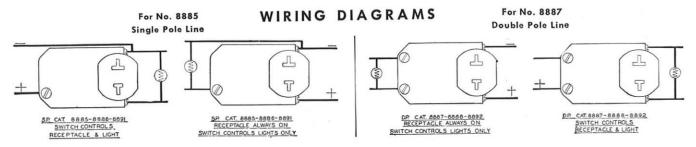
SWITCH RATING: 10 AMPERES, 250 VOLTS; 10 AMPERES, 125 VOLTS T. RECEPTACLE RATING: 10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS.

Cat. No. Description Single Pole, with .060" Brass Plate 8885 8886 Single Pole, without Plate Single Pole, with Bakelite Plate 8891 Double Pole, with .060" Brass Plate 8887 8888 Double Pole, without Plate Double Pole, with Bakelite Plate 8892 .060" Brush Brass Plate Only 8894 8895 Sand Blast Bakelite Plate Only

Wiring diagrams show variation of control. Switch and Receptacle are a completely assembled unit.



No. 8885







No. 7797

# FLOOR OUTLETS

10 AMPERES, 250 VOLTS 15 AMPERES, 125 VOLTS

Cat. No.

Description

7797 Receptacle, complete with Bevel Edge .060" Brass Plate

\*7798 Receptacle, complete with Square Edge Solid Brass Plate

Two threaded solid brass covers are supplied—one for completely closing the outlet; the other with cord hole Special finishes on plates take 10% advance over the usual special finish.

\*For flush mounting in floor.



CLOCK HANGER OUTLETS

10 AMPERES, 250 VOLTS 15 AMPERES, 125 VOLTS

Cat.

Description

7707 2-Wire, with .040" Brass Plate

7708 3-Wire, with .040" Brass Plate

No. 7707

# PILOT LAMP RECEPTACLES

CANDELABRA BASE

Cat. No.

Description

432 With 125-Volt Lamp

**433** Lamp only, 125 V

434 Lamp only, 250 V



# CANDELABRA BASE, PORCELAIN

Description



Cat. No. **427** With 125-V Lamp

433 Lamp only for No. 427-125 V

\*428 With 250-V Lamp

434 Lamp only for No. 428-250 V

Above Pilot Lamp Receptacles may be used with any standard Switch or Single Receptacle Plate, in Conjunction with Bull's Eye Jewels Listed on Page 86, or with Combination Plates "C" or "T", Listed on Page 81.

For suitable caps for above receptacles see pages 41 to 45.



# SEPARABLE ATTACHMENT PLUGS

#### PONY SIZE—PARALLEL BLADES

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS











#### BAKELITE

Cat. No.	Description	Cord Hole, Ins.
9013	Body, Brown, 660 Watts, 250 Volts	
9010	Cap, Oval Cord Hole, Brown	.375 x .281
9014	Finger-grip, Brown	.312
	COMPOSITION	
<b>★7001</b>	Body, Black, 660 Watts, 250 Volts	
7002	Cap, Oval Cord Hole, Black	.375 x .281
7066	Cap, Round Hole, Black	.312
7068	Cap, Round Hole, Black	.406

#### STANDARD SIZE—PARALLEL BLADES

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS



No. 5917



No. 5964 or 6708



Polarized Same Dimensions as No. 5964



No. 6827

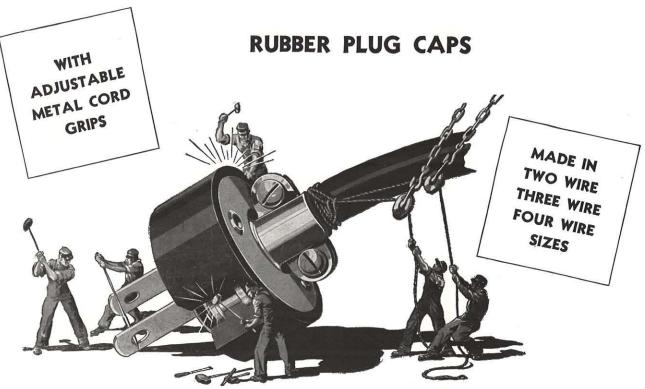


No. 6671 "Paraline"

Cat.	Description	Cord Hole, Ins.
5917	Composition Body, Black, 660 Watts, 250 Volts	
5964	Composition Cap, Black	.406
6708	Composition Cap, Black	.312
6764	Cap, Polarized, wide and narrow blades, Black	.406
6827	Steel Covered Cap (Armored)	.406
† 6671	"Paraline," Composition Cap, Black	.406

<sup>†</sup> This cap is fitted with convertible contact blades which may be adjusted by a twist of the fingers to fit parallel, tandem and right angle (polarized) form of slots.





Non-Breakable because of high quality Rubber Construction.

Easy Wiring—large binding screws and plenty of wiring space.

Insulated Binding Screws protected by fibre washer fitted over contact blades.

Self-Aligning Blades due to flexibility of rubber.

Blades Anchored to moulded-in brass rivets.

Non-Corrosive—all Steel parts are finished to resist corrosion.

Adjustable "Cord-Grip" takes strain off binding screws.

#### AMP-RUBBER CORD-GRIP''



Nos. 9754, \* 9755, 9756 or \* 9757



or No. 9753



or \* 9760

#### 10 AMPERES, 250 VOLTS: 15 AMPERES, 125 VOLTS

C . 1	10 Ami ERES, 250 VOLIS, 15 Ami ERES, 125 VOLIS	Cord
Cat. No.	Description	Diameter
9754	Parallel Blades	.296 to .562
*9755	Parallel, Polarized	.296 to .562
9756	Parallel Blades	.406 to .625
*9757	Parallel, Polarized	.406 to .625
9752	Tandem Blades	.296 to .562
9753	Tandem Blades	.406 to .625
9759	Double T Blades	.296 to .562
*9760	Double T Blades, Polarized	.296 to .562

<sup>\*</sup> Has one wide and one narrow blade.

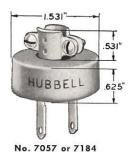


.531"

.625"

656

# 10 AMP. ARMORED CORD-GRIP CAPS





HUBBELL .625

No. 7056, or 7183

1.531"-

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.	Description	Cord Diameter
7057	Parallel Blades	.296 to .562
*7059	Parallel, Polarized	.296 to .562
7184	Parallel Blades	.406 to .625
*7185	Parallel, Polarized	.406 to .625
9077	Parallel, Angle	.500 to .625
7056	Tandem Blades	.296 to .562
7183	Tandem Blades	.406 to .625
9076	Tandem, Angle	.500 to .625
7162	Double "T" Blades, Armored, Comp	.296 to .562
*7286	Double "T" Blades,	
	Armored, Polarized	.296 to .562
7196	Bakelite, Double "T" Blades	.406
Dadies au		finish a day wasted as



Bodies are of special impact resisting composition, steel covered, finished to resist corrosion. Blades anchored to moulded-in brass inserts.

# 2-WIRE PLUG CAP

#### POLARIZED

FOR NO. 9200 TYPE RECEPTACLES ONLY (Page 30)

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Polarized cap No. 9208 is designed specially for use with No. 9200 Receptacles listed on page 30. Owing to the shape of the polarized blade, it cannot be turned to the extra tight position, or used with any other form of Receptacle slots.



No. 7196

No. 9208

# BAKELITE FUSIBLE PLUG CAP

6 AMPERES, 250 VOLTS



Top Section of No. 7132

Will receive 2 ferrule type cartridge fuses, overall  $1\frac{1}{2}$ , diameter of ferrule  $1\frac{3}{32}$ . Furnished less fuses. Is equipped with tandem blades only, for double T-slots.

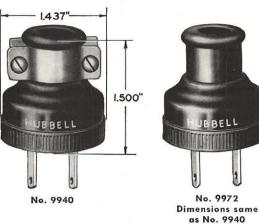
Cat. No. Description 7132 Fusible Cap



No. 7132 With Top Removed

<sup>\*</sup> One wide and one narrow blade.





# RUBBER FINGER GRIP CAPS

#### WITHOUT CORD-GRIPS

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.	Description	Cord Hole, Inches
9972	Parallel Blades	.312 to .437
*9973	Parallel, Polarized	.312 to .437
9934	Parallel Blades	.625
*9935	Parallel, Polarized	.625
9974	Tandem Blades	.312 to .437
9936	Tandem Blades	.625
	WITH	CORD-GRIPS
9940	Parallel Blades	.312 to .437
*9941	Parallel, Polarized	.312 to .437
9937	Parallel Blades	.625
*9938	Parallel, Polarized	.625
9942	Tandem Blades	.312 to .437

<sup>\*</sup> Wide and narrow parallel blades.

9939 Tandem Blades....

# RUBBER CORD CONNECTOR BODIES

#### WITH DOUBLE T-SLOTS

.625

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

#### WITHOUT CORD-GRIPS

No.	Description	Cord Hole, Inches
9952	Body	.312 to .468
9954	Body	.625
	WITH	<b>CORD-GRIPS</b>
9953	Body	.312 to .468
9955	Body	

The above Connector Bodies will take 10 Ampere Plug Caps having tandem, parallel or polarized blades.

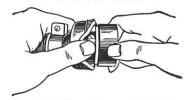
## .687 BBELL 2.312" 1.625" No. 9952 or 9954 1.562 **Dimensions** same as No. 9953 No. 9953 or 9955

1.375"

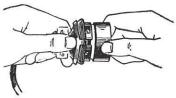
# RUBBER CAPS AND CONNECTORS

- 1. The RUBBER is of good quality.
- 2. PHOSPHOR BRONZE CONTACT SPRINGS are of the DOUBLE TYPE, assuring firm grip on blades as well as full contact area on both sides.
- 3. An important and exclusive feature of the DOUBLE CONTACT SPRINGS is the SPRING TOPS, designed to absorb break arcs, thereby preventing melting of rubber.
- 4. Contact blades are securely riveted to specially designed brass inserts moulded solidly into rubber.
- 5. Double "T" slots for various types of blades (two wire type).
- 6. No screws used to hold parts together (except cord-grip). Therefore no screws to work loose.
- 7. Available with either metal cord-grip or without cord-grip as illustrated.

#### **HOW TO WIRE**



Removing Skirted Top to wire body, by LIFTING UP ONE SIDE, and then PULL-ING IT BACK, as illustrated.



To REPLACE, ROLL BACK skirt as illustrated. LINE UP raised key-way with slot in body. PUSH DOWN ROLLED skirt.

# HARVEY HUBBELL, INC.

BRIDGEPORT, CONNECTICUT

Page 44-A

January, 1950

# DEVICE CATALOG PAGE

Supplementing Catalog No. 28

Redesigned

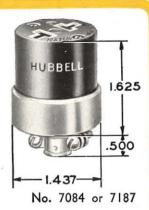
# CORD CONNECTOR BODIES H DOUBLE T-SLOTS . BLACK BAKELITE

10 AMPERES - 250 VOLTS 15 AMPERES — 125 VOLTS





No. 7611 or 7614



# **FEATURES**

Smaller in size. Black Bakelite Body of sturdy design. Larger Binding Screws and more room for wiring. Steel cover and cord grips finished to resist corrosion.



The modernized Double T-Slot Connector Bodies listed below supersede the older designs illustrated on Page 45, Catalog 28 and will be supplied on all orders specifying these catalog numbers.

10 AMPERES — 250 VOLTS ● 15 AMPERES — 125 VOLTS

Catalog No.	Description	Cord Hole Inches
5574	Body, Less Cord Grip	.406
7080	Body, Less Cord Grip	.312
7611	Body, with Cord Grip	.296 to .562
7614	Body, with Cord Grip	.218 to .312
7084	Body, Armored, with Cord Grip	.296 to .562
7187	Body, Armored, with Cord Grip	.406 to .625

Above Connector Bodies Fit All Male Motor Bases Listed on Page 46 and 46A.

The above Connector Bodies will take 10 Ampere Plug Caps having tandem, parallel, or polarized parallel blades.

# HARVEY HUBBELL, INC.

BRIDGEPORT, CONNECTICUT



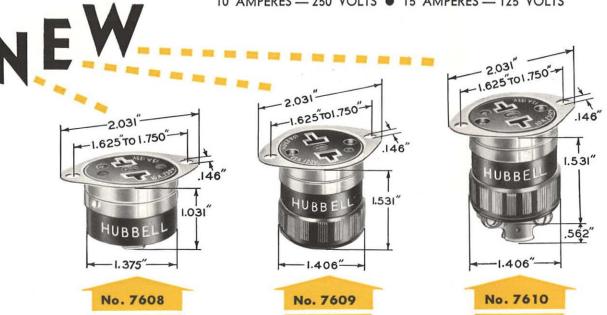
# **NEW DEVICE CATALOG PAGE**

Supplementing Catalog No. 28

# FLUSH MOTOR PLUG RECEPTACLES

WITH DOUBLE T-SLOTS · BLACK BAKELITE

10 AMPERES — 250 VOLTS ● 15 AMPERES — 125 VOLTS



#### FEATURES

Smaller in size.

Black Bakelite Body of sturdy design. Well suited for use with high quality electrically operated apparatus.

Large Binding Screws and more room for wiring.

Steel cord grips finished to resist corrosion.

Brass mounting cases finished polished nickel.

Will take 10 ampere 2-wire plug caps having tandem, parallel or polarized parallel blades.





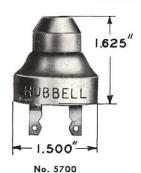
#### 10 AMPERES — 250 VOLTS ● 15 AMPERES — 125 VOLTS

Catalog No.	Description	Cord Hole Inches
7608	Receptacle with Exposed Terminals	
7609	Receptacle with Covered Terminals	.406
7610	Receptacle with Covered Terminals and Adjustable Cord Grips	.296 to .562



# ATTACHMENT PLUG CAPS

#### WITH TANDEM BLADES AND PLUG BASE WITH DOUBLE T-SLOTS

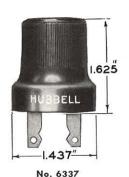








#### 10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS



Cat. No.	Description	Cord Hole Inches
5420	Cap, Tandem Blades, Bakelite, Black	.406
† 5523	Cap, Tandem Blades, Brass Covered Com-	
	position	.406
† □ 5700	Cap, Tandem Blades, Brass Covered, "Knostrain" threaded bushing	
6337	Cap, Tandem Blades, Elongated, Composition, Black	.500
* 5612	Body, T-Slots (Rated 660 Watts, 250 Volts) Bakelite, Medium Screw Base, Black	

<sup>†</sup> Standard finish is Brush Brass.



# CONNECTOR BODIES

#### WITH DOUBLE T-SLOTS

10 AMPERES, 250 VOLTS

# 15 AMPERES, 125 VOLTS



No. 7084 or 7187

#### WITHOUT "CORD-GRIP"

Cat. No.	Description	Cord Hole Inches
▲ 5574	Body, Composition, Black	.406
<b>▲ 7080</b>	Body, Composition, Black	.312

#### WITH "CORD-GRIP"

<b>▲ 7084</b>	Body, Composition, Black	.296 to .562
A 7187	Body Composition Black	106 to 625

Steel cover finished to resist corrosion.

▲ Fits all Male Motor Bases listed on page 46.

The above Connector Bodies will take 10 Ampere Plug Caps having tandem, parallel or polarized parallel blades.

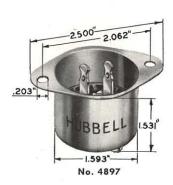
 $<sup>\</sup>hfill \Box$  For Nos. 16 and 18 Standard, 18 Super Service, 18PS Duracord 2-conductor cord.

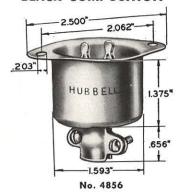
<sup>\*</sup> T-Slots will take 10 Ampere Plug Caps having Tandem, Parallel or Polarized Parallel Blades.



# STANDARD SIZE FLUSH MOTOR PLUGS

#### BLACK COMPOSITION







BBEL

-1.180 No. 7430 1.359

10 /	AMPERES,	250	VOLTS;	15	AMPERES,	125	VOLTS
------	----------	-----	--------	----	----------	-----	-------

No.	Description	Cord Hole Inches
4897	Male Base, Concealed Wiring, Parallel Blades	.406 x .312
	Male Base, Polarized, Concealed Wiring, Parallel Blades	
†4896	Male Base, Concealed Wiring, Tandem Blades	.406 x .312
4856	Male Base, with Adjustable Cord Grips, Parallel Blades	.406 to .625
4891	Male Base, Exposed Wiring, Parallel Blades	

The above take bodies Nos. 5574, 6118, 7080, 7084, 7187, 7430, 9952, 9953, 9954 and 9955. \* Like No. 4897, except is polarized with one wide and one narrow blade. Dimensions same as No. 4897. † Takes Bodies Nos. 5574 or 7080.

Metal casings finished to resist corrosion.

# SURFACE MOTOR PLUGS AND CORD CONNECTORS



No. 6118



No. 5964



No. 7431

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS



1500 No. 6823

	10 /11111 ERED, 200 10110, 10 11111	
Cat. No.	Description	Cord Hole Inches
<b>6118</b>	Connector Body, Composition, Black, Parallel Slots	.406
5964	Male Cap, Composition, Black, Parallel Blades	.406
<b>7430</b>	Connector Body, Bakelite, Brown, Parallel Slots	.312
7431	Male Cap, Bakelite, Brown, Parallel Blades	.281 x .375
6823	Male Base, Parallel Blades	.406 x .312
*6796	Male Base, Polarized Parallel Blades	.406 x .312
5896	Male Base, Tandem Blades	.406 x .312
7941	Male Motor Base with wiring Channel Parallel Blades.	$.437 \times .343$
*7942	Male Motor Base with wiring Channel Parallel Blades	
2000 200	Polarized	.437 x .343

□ Nos. 6118 or 7430 will fit male motor plugs listed above, except No. 7942. For Connector Bodies with double T-slots see page 45.

\*Like 6823 except polarized—one wide and one narrow blade.



1.406" No. 6822



No. 6918

# CORD CONNECTOR

BLACK COMPOSITION—POLARIZED

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cord Hole Description 6822 Connector Body, Right Angle Slots .406 Male Cap, Right Angle Blades . .406 6918



# SMALL FLUSH MOTOR PLUGS

#### **BLACK COMPOSITION**

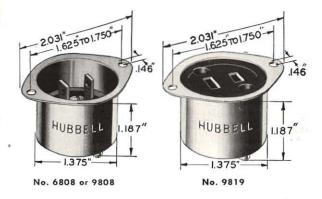
10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Description	Cord Hole Inches
Male Base, Brass Casing.	.406
Male Base, Polarized	.406
Female Base, Brass Casing	.406
Male Base, less Casing	
	Male Base, Brass Casing. Male Base, Polarized Female Base, Brass Casing

<sup>\*</sup> Polarized—One wide and one narrow blade.

Metal casings finished to resist corrosion.

Above Bases will take any of the caps or connector bodies listed below, but will not fit any other devices listed in this catalog.



# **SMALL CONNECTORS AND CAPS**

#### WITHOUT CORD GRIPS

#### **BLACK COMPOSITION**

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

No.	Description	Inches
†6979	Body, Female	.312
†6630	Body, Female	.406
6181	Cap, Comp., Male	.406
*9181	Cap, Polarized, Male	.406

#### ARMORED-WITH CORD GRIPS

7259	Body, Female	.296 to .406
† <b>7257</b>	Body, Female	.406 to .625
7357	Cap, Male	.406 to .625
*9357	Cap, Polarized,	
	Male	.406 to .625

<sup>†</sup> Takes polarized or non-polarized caps.

# .562" .156" .187" .10.31" .10.





No. 7357 or \*9357





No. 7259 or 7257

# **SMALL SURFACE MOTOR PLUGS**

#### **BLACK COMPOSITION**

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.	Description	Cord Ho
7024	Base, Male	.406
*7021	Base, Male Polarized	.406

\* Polarized—One wide and one narrow blade. Same dimensions as No. 7024.

Diameter base,  $1\frac{9}{32}$ ". Supporting screw holes .875" on centers.

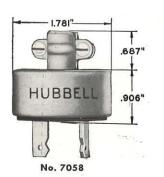
All of the above small devices fit each other, but do not fit into any other devices listed in this catalog.

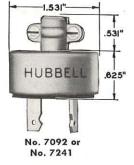


No. 7024 or \*7021

<sup>\*</sup> Polarized—One wide and one narrow blade, same dimensions as non-polarized cap.

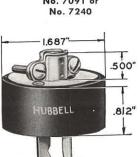


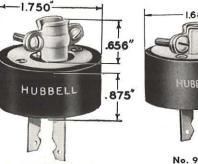


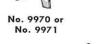




















# POLARIZED CORD CONNECTORS

#### WITH ARMORED CORD-GRIP CAPS

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.	Description	Cord Diameter
7091	Female Body	.296 to .562
7092	Male Cap	.296 to .562
7240	Female Body	.406 to .625
7241	Male Cap	.406 to .625
	20 AMPE	RES, 250 VOLTS
7086	Female Body	.406 to .625

**7058** Male Cap...... .406 to .625

Caps are steel covered, plated to resist corrosion.

Caps regularly furnished with insulating discs on blades.

# POLARIZED RUBBER CAPS

#### WITH METAL CORD-GRIP

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.	Description	Cord Diameter
9970	Rubber	.296 to .562
9971	Rubber	.406 to .625
	20 AMPE	RES, 250 VOLTS
9758	Rubber	.406 to .625

Cord-Grips and top plates finished to resist corrosion. Caps regularly furnished with insulating discs on blades.

# POLARIZED PLUG CAPS

#### WITHOUT CORD-GRIP

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

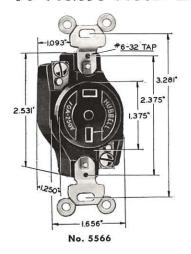
Cat. No.	Cord Description Diameter
5567	Porcelain, Brass Covered406
6730	All Composition, Black406
	20 AMPERES, 250 VOLTS
5553	Porcelain, Brass Covered500

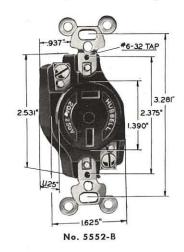
5553 Porcelain, Brass Covered . . .500
 6156 Composition, Brass Covered . .500
 6720 All Composition, Black . . . . .500

Standard finish on brass-covered caps is brush brass.



# 10 AMP. AND 20 AMP. POLARIZED FLUSH RECEPTACLES









No. 10108

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.

Description

5566

Black Porcelain

5566-B

Black Bakelite

\*7270

Bakelite Receptacle with  $3\frac{1}{4}$  Box Cover

7271

Bakelite Receptacle with 4" Box Cover

†10108

Black Porcelain

For suitable 10 amp. caps, see page 48.

†No. 10108 furnished with mounting bridges of various dimensions on special orders.

#### 20 AMPERES, 250 VOLTS

5552 Black Porcelain

**5552-B** Black Bakelite

\***7272** Bakelite Receptacle, with 31/4" Box Cover

**7273** Bakelite Receptacle, with 4" Box Cover

For suitable 20 amp. caps, see page 48.

# 10 AMP. AND 20 AMP. POLARIZED CONNECTORS

10 AMPERES, 250 VOLTS — 15 AMPERES, 125 VOLTS

Cat. No. Description Cord Hole Inches
6278 Body, Composition, Black.... .406

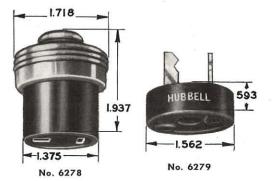
**6279** Male Motor Base, Composition .406 x .312

Screw holes 1" on Centers

#### 20 AMPERES, 250 VOLTS

6717 Body, Composition, Black... .500

6156 Male Cap, Brass Covered







No. 6717

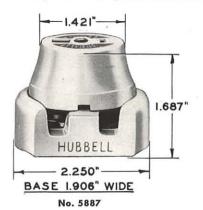
For suitable caps for above receptacles see Page 48. For list prices see Index, Page 113.

<sup>\*</sup> These receptacles will readily fit  $3\frac{1}{4}$ " outlet boxes when only one box connector is used. When two or more box connectors are needed the receptacles with 4" covers are required.



# 10 AMP, AND 20 AMP, 2-WIRE POLARIZED WALL RECEPTACLES









1.593"
HUBBELL
2.250\*
BASE 1.656 WIDE
No. 5757

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Description

Cat. No. 5885

Concealed Base

Mounting Screw holes spaced 117/32"

5887 Moulding Base

Mounting Screw holes spaced 11/8"

20 AMPERES, 250 VOLTS

5621 Concealed Base

Mounting Screw holes spaced 17/6"

5623 Moulding Base

Mounting Screw holes spaced 11/2"

5757 Conduit Box Base

Mounting Screw holes spaced 5/8"

# POLARIZED LAMP ADAPTER AND SCREW BASE PLUG

660 WATTS, 250 VOLTS

Cat. No. \*698

Description

\*6981 Adapter, Composition

6672 Plug Body, Porcelain

\* No. 6981 for use with 10-amp. polarized receptacles listed on page 49 and 50.

For suitable caps for above receptacles see page 48. For list prices see Index, Page 113.



No. 6672



No. 6981

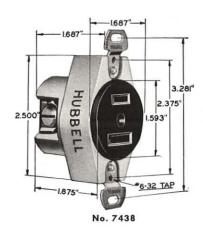


# 30 AMP. 2-WIRE FLUSH RECEPTACLE, PLATE AND CAPS

SINGLE GANG SIZE, POLARIZED







30 AMPERES, 250 VOLTS

No.	Description	Diameter
7438	Porcelain Receptacle, Black face	
<b>▲7436</b>	Armored Cord-Grip Cap	.625 to 1.000
7437	All Composition Cap less Cord-Grip	.656
* 7439	.040" Brush Brass Plate—Size 2¾" x 4½"	

Fits a Standard Single Switch Box.

Cat

Cat.

\*The face diameter of No. 7438 is larger than standard and requires the special plate No. 7439. The outside diameter of the cap is such that two caps will not fit side by side when used in a two-gang box installation of 7438 receptacles.

A Finished to resist corrosion.

#### TWO-GANG SIZE, POLARIZED

Supporting lugs have mounting holes spaced to fit standard 2-gang outlet boxes 2 inches deep or over.

#### 30 AMPERES, 250 VOLTS

No.

7070

Black Porcelain Receptacle
7071

Black Porcelain Cap less CordGrip, .718 Cord Hole

A 7127

Armored Cord-Grip Cap, Cord
Hole .625 to 1.000"

7072

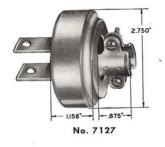
.060" Brass Plate 4½" x 4%6"

† 7116

.100" Brass Plate 5½" Square
† Extra large plate for covering irregularities in plaster.
Standard finish of plates is Brush Brass.

A Finished to resist corrosion.





No. 7070 No. 7072

Suitable Fittings for No. 7070 listed above and Nos. 7112 and 7512 listed on page 59.

Appleton Electric Co.—19025, 19026, 19010, 19011 Boxes. GSC-2 Cover on GSB-2 Box. 8486 Cover on 4-SJ-½, 4-SJD-½, 4-SJD-¾, 4-SJD-¾, 4-SJD-1/2, 4-SJD-¼, 4-SJD-1/2, 4-S

Crouse-Hinds Co.—2-gang FS series Condulets. Covers for use with 7070 on these condulets are S-612—surface type. SS-612—flush type. Covers for use with 7112 or 7512 on these condulets are S-622—surface and SS-622—flush.

National Metal Midg. Co.—24K and 24KL Covers on 2400, 2401, 2402, 2403, 2404, 2405 and 2410 Boxes. 25K Cover on 2500, 2501, 2514, 2515 and 2590 Boxes. 30C2 Cover on 3002 and 3012 Boxes.

General Electric Co.—SP52C17 and SP52C18 Covers on SP52151 4-inch Square Boxes. SP6751 Cover on SP6732 Box.

Steel City Elec. Co.—2G Box with 2GC Cover, 52151 Box with Covers Nos. 52C19 or 52C21, 52171 Box with Covers Nos. 52C17, 52C18, 52C19 or 52C21, 72171 Box with Covers 72C17 or 72C18.

Thomas & Betts-32 (Box and Cover ) and FD Tubelets.



# 10 AMP. AND 20 AMP. 3-WIRE SINGLE FLUSH RECEPTACLES



Nos. 6051 or 7189



#### POLARIZED

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat.
No.
Description

A6051 Black Bakelite Receptacle

▲7189 Bakelite Receptacle, Grounded

\*9051 Porcelain Receptacle

\***7607** Bakelite, on 3¼" Box Cover

\***7275** Bakelite, on 4" Box Cover

7214 Bakelite, Grounded. Two Binding Screws, with Short Mounting Ears

7215 Bakelite, Not Grounded. Three Binding Screws, with Short Mounting Ears

▲No. 7189 same design as No. 6051 but has ground shunt from one terminal to the back supporting strap.

\* Nos. 9051, 7607 and 7275 can be supplied grounded by suffixing letter "G" to catalog number.

#### 20 AMPERES, 250 VOLTS

\*6810 Black Bakelite Receptacle

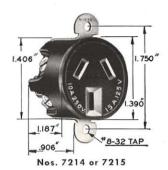
\***7276** Black Bakelite Receptacle on 31/4" Box Cover

\***7277** Black Bakelite Receptacle with 4" Box Cover

\*If desired grounded suffix letter "G" to catalog number. See pages 55 and 56 for suitable caps.



Nos. 7275 or 7277



# 10 AMP. COMBINATION RECEPTACLES

#### FOR 2-WIRE AND 3-WIRE CAPS



No. 7730

#### POLARIZED



No. 7733

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS



Nos. 7731 or 7732

Description

7730 Black Bakelite Receptacle

7731 Bakelite Receptacle with 31/4" Box Cover

7732 Bakelite Receptacle with 4" Box Cover

7733 Bakelite Receptacle, short mounting ears

Above Combination Receptacles have terminals for the connection of two line wires and the "grounding conductor." If desired "grounded," suffix letter "G" to catalog number. The "grounded" devices have the "grounding contact" electrically connected to the mounting strap and are, therefore, provided with only two binding screws for the connection of the line wires.

Cat.

April, 1950

# **NEW DEVICE CATALOG PAGE**

Supplementing Catalog No. 28

# 3-WIRE GROUNDING TYPE ADAPTER

FOR GROUNDING EXPOSED METAL PARTS
OF PORTABLE ELECTRICAL EQUIPMENT

ADAPTERS

POLARIZED



Parallel polarized slots

Parallel polarized blades (one narrow and one wide blade)

**FEATURES** 

Hook type terminal for easy connection to ground Green 3" thermoplastic lead

Bakelite boldy-has double sided bronze contacts



This device is designed to adapt standard 2-wire convenience outlets for use with new 3-wire grounding caps listed on page 52-C.

Portable Appliances or Tools equipped with the new type "Grounding Caps" can be quickly adapted to regular 2-wire outlets with the No. 5273-L Adapter. "Grounding Lead" should be placed beneath nearest "grounded" connection.

#### 15 AMPERES — 125 VOLTS

Catalog No.	Description	
*5273	Brown Bakelite Adapter, Less Lead	
5273-L	Brown Bakelite Adapter, with 3" Thermoplastic Lead	

<sup>\*</sup>No. 5273 Adapter less lead is not listed by Underwriters' Laboratories, Inc.

# 3-WIRE GROUNDING RECEPTACLE WITH SHORT STRAP

SINGLE—FOR BACK OR SIDE WIRING

RECEPTACLE

POLARIZED

15 AMPERES — 125 VOLTS

Catalog No.	Description	
5284	Brown Bakelite Single Receptacle	

Suitable caps for above receptacle listed on page 52-C.



BRIDGEPORT, CONNECTICUT

January, 1950

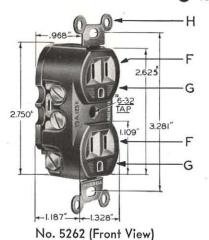
#### NEW **DEVICE CATALOG PAGE**



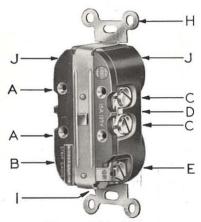
Superseding pages 52A and 52B Catalog No. 28

# 3-WIRE GROUNDING TYPE CONVENIENCE OUTLETS FOR GROUNDING EXPOSED METAL PARTS OF PORTABLE ELECTRICAL EQUIPMENT

- FOR BACK OR SIDE WIRING
- ALSO TAKES STANDARD 2-WIRE REGULAR OR POLARIZED CAPS
- TAKES STANDARD OUTLET PLATES



- A Holes for back wiring.
- B Wire strip-gauge.
- C Binding screws for conventional wiring.
- D Break-off feature for two-circuit installations.
- **E** Hexagonal green screw for grounding wire.
- F Slots for 2-wire regular and polarized caps.
- G "U"-shaped slot for ground blade.
- H Washer type plaster ears.
- I Wire looping slot.
- J Completely bakelite enclosed.



No. 5262 (Back View)





No. 5282

- 1-Can be used with metallic or non-metallic wiring systems.
- 2-Designed with two current carrying contacts and one grounding contact.
- 3-Grounding contacts electrically connected to supporting bridge and to hexagonal shaped green finished binding screw on side of receptacles for grounding wire.
- 4-Grounding of metallic system wiring is directly through metal enclosure.
- 5-Grounding of non-metallic systems is through a third wire acting as a grounding conductor.
- 6-Will accommodate two armored or rubber caps.

The above receptacles will not take 3-wire caps other than those listed on Page 52-C and caps of similar design of other makes.



#### 15 AMPERES - 125 VOLTS

Catalog No.	Description	Carton	Std. Pkg.	Wt. Lbs. Std. Pkg.
5262	Duplex Outlet, Brown Bakelite	10	50	13
5262-1	Duplex Outlet, Ivorine	10	50	13
5282	Duplex Outlet on 4" Metal Box Cover	10	50	24
5261	Single Outlet, Brown Bakelite	10	50	- 11
5271	Single Outlet on 31/4" Metal Box Cover	10	50	20
5281	Single Outlet on 4" Metal Box Cover	10	50	22



# HARVEY HUBBELL, INC.

BRIDGEPORT, CONNECTICUT

Page 52-C

January, 1950

# **NEW DEVICE CATALOG PAGE**

Superseding Pages 52A and 52B Catalog No. 28

# 3-WIRE CAPS FOR USE WITH THE NEW GROUNDING TYPE CONVENIENCE OUTLETS AND CONNECTORS

#### POLARIZED









No. 5263

No. 5264 or No. 5265

No. 5266 or No. 5267

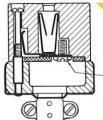
No. 5274 or No. 5275

In addition to standard parallel blades, these caps are also fitted with "U" shaped blade for grounding. They are designed for use with Grounding Type Convenience Outlets such as Nos. 5261 and 5262. Will also fit corresponding receptacles made by other manufacturers.

#### 15 AMPERES — 125 VOLTS

Catalog No.	Description	Cord Diameter
5263	Cap, Brown Bakelite	.437
5263-I	Cap, Ivorine	.437
5264	Armored Cap with Cord Grips	.296 to .562
5265	Armored Cap with Cord Grips	.406 to .625
5266	Rubber Cap with Cord Grips	.296 to .562
5267	Rubber Cap with Cord Grips	.406 to .625
5274	Rubber Fingergrip Cap	.312 to .468
5275	Rubber Fingergrip Cap	.625
5276	Rubber Fingergrip Cap with Cord Grips	.312 to .468
5277	Rubber Fingergrip Cap with Cord Grips	.625

The above caps were designed expressly for use with 15 ampere Grounding type receptacles listed on Pages 52-B and 52-C



# 3-WIRE CORD CONNECTORS GROUNDING TYPE

\* Hexagonal green binding screw. BROWN BAKELITE

15 AMPERES, 125 VOLTS

Catalog No.	Description	Cord Diameter
	Without Cord Grips	.437
5269	With Cord Grips	.296 to .562
5270	With Cord Grips	.406 to .625

\*Ground is carried from Green binding screw to holding screw, thence to square bushing and to steel cover and cord clamps as indicated.







# HARVEY HUBBELL, INC.

BRIDGEPORT, CONNECTICUT



# NEW DEVICE CATALOG PAGE

Supplementing Catalog No. 28

# 3-WIRE GROUNDING TYPE WEATHERPROOF OUTLET



No. 5260

DESIGNED FOR GROUNDING EXPOSED METAL PARTS OF PORTABLE APPLIANCES.

FOR USE WITH EITHER METALLIC NON-METALLIC WIRING SYSTEMS.



When in use the plug cap may be protected by metal shield No. 7793.

With No. 5263 cap. (See Page 52-C)

No. 7793

# POLARIZED

- Can be used with metallic or non-metallic wiring systems.
- Designed with two current carrying contacts and one grounding contact.
- Grounding contacts electrically connected to supporting bridge and to hexagonal shaped green finished binding screw on side of outlet for grounding wire.
- Grounding of metallic system wiring is directly through metal enclosure.
- Grounding of non-metallic systems is through a third wire acting as a grounding conductor.
- For back or side wiring.

This weatherproof outlet is designed to take all-Bakelite No. 5263 3-wire cap with U-shaped grounding blade and can also be used with standard 2-wire parallel blade caps, Nos. 5964, 7002 or 9010.

Exposed metal parts are plated to resist corrosion. Outlet is of all Bakelite construction.

#### 15 AMPERES - 125 VOLTS

Catalog No.	Description	
5260	3-Wire Weatherproof grounding type Receptacle complete with Plate, Metal Cover and Weatherproof Mat, LESS No. 7793 shield.	
*7793	Metal Threaded Shield only for caps.	

<sup>\*</sup>This shield can only be used with No. 5263 3-wire grounding cap (Page 52-C) or Nos. 5964, 7002 or 9010 regular 2-wire caps, Page 41.





# 10 AMP. 3-WIRE DUPLEX POLARIZED RECEPTACLES



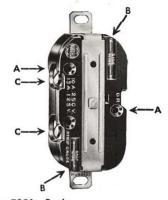
Cat.

ARRANGED FOR EITHER BACK OR SIDE WIRING-POLARIZED

A-BACK WIRING HOLES

B-WIRE STRIP-GAUGE FOR SIDE OR BACK WIRING

C—BINDING SCREWS FOR CONVENTIONAL SIDE WIRING



No. 7051 - Back

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Description

7051 Black Bakelite Receptacle7051-I Ivorine Receptacle, same dimensions as No. 7051

7208 Black Bakelite Receptacle with 4" Steel Box Cover

If desired grounded, suffix letter "G" to catalog number.

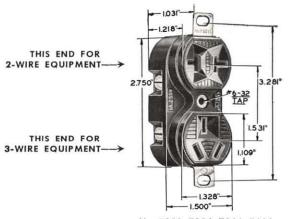
All of the above 3-wire receptacles are fully polarized thru both outlets.

#### SIDE OR BACK WIRING

- Made of two-piece moulded bakelite, totally enclosed. A distinctive feature is the new PRESSURE TYPE WIRE TERMINALS, making it possible to wire from the back, or for conventional side wiring.
- No looping of wires is necessary for back wiring—simply remove insulation as indicated by STRIP-GAUGES impressed in bottom of bakelite body.
- Wires are inserted straight into holes provided for purpose and held in place by tightening down side binding screws.
- Wires may be looped around binding screws if desired for conventional side wiring.

# 10 AMP. 2-WIRE AND 3-WIRE COMBINATION RECEPTACLES

#### POLARIZED



No. 7053, 7054, 7064, 7666

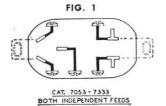


FIG. 2

RIVETED TO

MOUNTING STRAP

CAT. 7054 - 7334

COMMON FEEDS & GROUND TO STRAP

CAT. 7664 - 7335

COMMON FREDS - GR TERMINAL
WITH SCREW NOT GROUNDED

FIG. 4

CAT. 7666 - 7667

INDEPENDENT FEEDS & GROUND
TERMINAL CONNECTED TO STRAP

FIG. 3

EACH OUTLET RATED: 10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat.
No.

Description

7053 Black Bakelite, Each outlet wired independently. (See Fig. 1)

**7333** Like No. 7053, on 4" Box Cover

7054 Black Bakelite, with one feed and one return common to both outlets. 3-wire end permanently grounded to supporting strap. (See Fig. 2)

7334 Like No. 7054, on 4" Box Cover

7064 Black Bakelite, with one feed and one return common to both outlets. Grounding terminal 3-wire end equipped with binding screw. (See Fig. 3)

7335 Like No. 7064, on 4" Box Cover

7666 Black Bakelite, Independent feeds, end ground terminal connected to strap. (See Fig. 4)

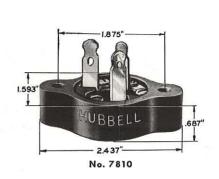
7667 Same as No. 7666, on 4" Box Cover

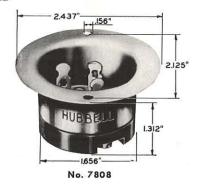
Fits Standard Duplex Receptacle Plates and Standard Switch Boxes.



# 10 AMP. 3-WIRE MOTOR PLUGS

**POLARIZED** 





10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Nos. 7810 and 7808 take 10 ampere connector bodies, listed on pages 56 and 57.

\* If desired grounded suffix letter "G" to catalog number. Metal casing finished to resist corrosion.

# 10 AMP. AND 20 AMP. 3-WIRE SURFACE RECEPTACLES

POLARIZED

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.

Description

6047 Concealed Wiring

Screw holes 134" on centers.

20 AMPERES, 250 VOLTS

6059 Concealed Wiring

Screw holes 13/4" on centers.

# 3-WIRE ATTACHMENT PLUG

**POLARIZED** 

660 WATTS, 250 VOLTS

Cat. No. Description 6042 Porcelain Base







No. 6042

# 3-WIRE CONDUIT BOX RECEPTACLES

**POLARIZED** 

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.

Description

\*1126 Conduit Box Receptacle

\*1127 Conduit Box Receptacle, with Double Set Binding Screws

▲†**6734** Conduit Box Receptacle, all porcelain, Black Top

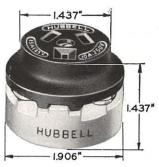
\* Porcelain with Black Bakelite top.

▲ For grounding from one contact to conduit system.

†Mounting screws 1/8" centers. Suitable for Crouse-Hinds "W" condulets and "O" cover, Appleton "W" unilets with 5680 cover, and Adalet fittings G2H, G3H and G4H



No. 1126 or 1127

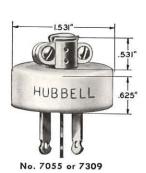


No. 6734

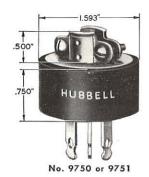


# 10 AMP. 3-WIRE CORD-GRIP CAPS

#### **POLARIZED**





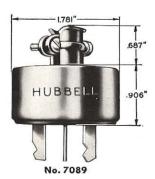


10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.	Description	Cord Diameter
7055	Armored	.296 to .562
7309	Armored	.406 to .625
7368	Armored, Angle	.500 to .625
9750	Rubber	.296 to .562
9751	Rubber	.406 to .625
	16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

If desired grounded, suffix letter "G" to catalog number. Steel covered caps and cord grips are plated to resist corrosion.

# 20 AMP. 3-WIRE CORD-GRIP CAPS



#### POLARIZED

#### 20 AMPERES, 250 VOLTS

Cat. No.	Description	Cord Diameter
7089	Armored	.406 to .625
9977	Rubber	.406 to .625

If desired grounded, suffix letter "G" to catalog number. Steel covered caps and cord grips are plated to resist corrosion.

# 2-WIRE TO 3-WIRE ADAPTERS

#### **COMPOSITION — POLARIZED**

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Third blade grounded by use of a binding post at side of body. Wire is led to flush plate screws.



\*7052 \*9052

Cat. No.

Description

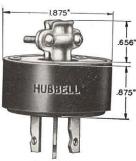
7052 Adapter, with Tandem Blades

\*9052 Adapter, with Parallel Blades. Same Dimensions as No. 7052

†**7052-L** Adapter, with Tandem Blades with Ground Wire. Same Dimensions

†9052-L Adapter, with Parallel Blades with Ground Wire. Same Dimensions as No. 7052

 $\dagger$  Standard lead is  $3^{\prime\prime},$  but can be furnished up to and including  $8^{\prime\prime}$  without extra charge, if so ordered.



No. 9977



No. 7052









No. 9413 or No. 9414 Dimensions same as No. 9975



No. 9409 or No. 9411



No. 9410 or No. 9412 Dimensions same as No. 9409

# 10 AMP. 3-WIRE RUBBER CONNECTORS AND CAPS

POLARIZED-BLACK

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

## WITHOUT CORD-GRIP

Cat. No.	Description	Cord Hole Inches
9409	Rubber Connector Body	.312 to .468
9411	Rubber Connector Body	.625
9975	Rubber Cap	.312 to .468
9976	Rubber Cap	.625

#### WITH CORD-GRIP

9410	Rubber Connector Body	.312 to .468
9412	Rubber Connector Body	.625
9413	Rubber Cap	.312 to .468
9414	Rubber Cap	.625

Roll-back handle section of body, easily detached and attached for wiring.

Self-Aligning Phosphor Bronze contact springs.

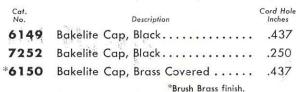
Brass contact blades securely riveted to specially designed brass inserts which are moulded solidly into rubber body of cap.

# AMP. 3-WIRE PLUG CAPS

#### POLARIZED

#### WITHOUT CORD-GRIP

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS



# 3-WIRE PLUG CAPS



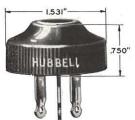
#### WITHOUT CORD-GRIP

20 AMPERES, 250 VOLTS



\* If No. 6058 is desired grounded suffix letter "G" to catalog number





No. 6149 or 7252



No. 6150



No. 6058



No. 7198



# 10 AMP. AND 20 AMP. 3-WIRE CORD CONNECTORS

#### POLARIZED - BLACK

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.	Description	Cord Hole Inches
6409	Connector Body, Composition	.437
<b>▲6149</b>	Cap, Bakelite	.437
<b>▲7252</b>	Cap, Bakelite	.250

# ARMORED WITH CORD GRIP BLACK

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

7082	Body, Composition	.296 to .562
▲7055	Armored Cap, Comp	.296 to .562
7308	Body, Composition	.406 to .625

**▲7309** Armored Cap, Comp..... .406 to .625

20 AMPERES, 250 VOLTS

7088	Body, Composition	.406 to .625
<b>7089</b>	Armored Can Comp	106 to 625

4.250 No. 7285

Armored caps and connector bodies plated to resist corrosion. If desired grounded suffix letter "G" to catalog number.

▲ See pages 55 and 56 for illustrations and dimensions of 3-wire caps. † Not available grounded.





No. 7082 or 7308

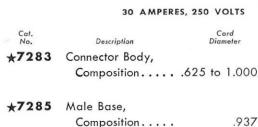


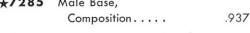
# 30-AMP. 3-WIRE CONNECTOR, BASE AND CAP





1125





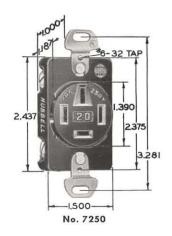
7113 Armored Male Cap. .625 to 1.000 Metal covers finished to resist corrosion.

For list prices see Index, Page 113.

POLARIZED - BLACK



# 20 AMP. 4-WIRE FLUSH RECEPTACLES AND CONNECTOR BODY





No. 7250

Showing back wiring feature.



No. 7279

20 AMPERES, 250 VOLTS

\* Takes standard single outlet plates.

Gang plates must be of special size.

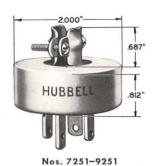
If No. 7250 or 7279 is desired grounded suffix letter "G" to catalog number.

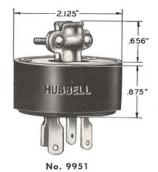
† No. 7351 not available grounded.



# AMP. 4-WIRE CORD-GRIP CAPS

#### POLARIZED





#### 20 AMPERES, 250 VOLTS

Cat.		Cord	Car-
No.	Description	Diameter	ton
7251	Cap, Armored	.437 to .750	10
*9251	Cap, Grounded, Armored	.437 to .750	10
9951	Cap, Rubber	.437 to .750	10

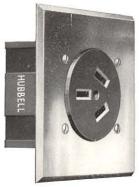
<sup>\*</sup> No. 9251 has shunt from ground blade to metal cover for grounding to metal-sheathed 3-wire cable.

All metal covers finished to resist corrosion.



# 30 AMP. 3-WIRE FLUSH RECEPTACLES

#### POLARIZED



Nos. 7112-7114 Dimensions same as No. 7512 below



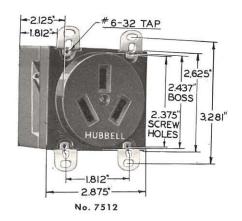
30 AMPERES, 250 VOLTS

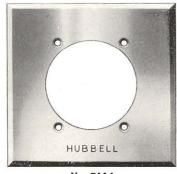
	Cat. No.	Description	Cord Diameter
*	*7112	Black Porcelain Receptacle	
	□ <b>7</b> 113	Armored Cord-Grip Cap	.625 to 1.000
	<b>□7514</b>	Armored Cord-Grip Cap, Grounded	.625 to 1.000
	†7114	.060" Brass Plate	
	7115	.100" Brass Plate, 5½" Square	
		5 11	

# 50 AMP. 3-WIRE FLUSH RECEPTACLES

#### WITH SOLDERING TERMINALS

#### POLARIZED





No. 7114



No. 7513 or 7520

50 AMPERES, 2	50 VOLTS
---------------	----------

	SO AMILEES, 250 VOLIS	
Cat. No.	Description	Cord Diameter
*7512	Black Porcelain Receptacle	
*7513	Composition Cord-Grip Cap	.875 to 1.218
*7520	Composition Cord-Grip Cap	.625 to .937
7114	.060" Brass Plate	
7115	.100" Brass Plate, $5\frac{1}{2}$ " square	
	* If desired grounded suffix letter "G" to settled number	

<sup>\*</sup>If desired grounded suffix letter "G" to catalog number. † No. 7114 is standard 2-gang size. Finished in Brush Brass. For suitable outlet boxes and covers for No. 7512 see page 51.

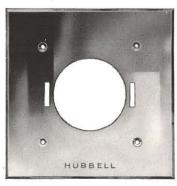


### AMP. 3-WIRE RECEPTACLES

### POLARIZED



No. 9301



No. 9309



⊗ No. 9304

50 AMPERES, 250 VOLTS

Cat. No. 9301

Description

19309

Porcelain Receptacle, complete with Box Cover

.060" Steel Plate, 51/2" square, Ground Slots and Springs 

⊗ Indicates items have been discontinued.

Fits standard boxes  $41\frac{1}{16}$ " square and  $2\frac{1}{8}$ " deep. † Steel Plate No. 9309 has straight edges and finished to resist corrosion.

Cord

### 30 AMP. AND 50 AMP. 3-WIRE SURFACE RECEPTACLES



2.875 2.687 1.750 312 375 Breli 1.125 +218 4.000 BASE 2.812 WIDE No. 9307 (30 Amp.) 50 AMPERES, 250 VOLTS

2.875 No. 9316 (30 Amp.)

Description

Cat.

9306 All Porcelain Receptacle, Polarized

9318

Black Bakelite Receptacle, Polarized (Similar to No. 9306)

Nos. 7513, 7520 may be used with these receptacles.

30 AMPERES, 250 VOLTS

**\*9307** 

All Composition Receptacle, Polarized

Caps Nos. 7113, 7514 and 9316 fit this receptacle.

9316

Black Composition Cap, Polarized

Receptacles Nos. 7112, 7283 and 9307 take this cap.



### 50 AMP. 3-WIRE SURFACE POWER RECEPTACLE

With Patented Pressure Type Terminals — Polarized DESIGNED FOR RANGE AND GENERAL INSTALLATIONS







No. 7990

50 AMPERES - 250 VOLTS

Description

Cat. No.

\*7990 Surface Receptacle, Black Bakelite

7977 Range Cap, Black Bakelite

**7989** Ground Strap for No. 7990

\*When used with 1" conduits omit the clamps, and in its place use a regular conduit bushing and lock nuts.

### IMPORTANT FEATURES

- New one-screw PRESSURE TYPE TERMINALS will accommodate wires from No. 2 down to No. 8. Automatic feature of clamp locates itself in terminal plate channel and rotates to locked position with first quarter turn of screw.
- Design of new PRESSURE TYPE TERMINAL simplifies wiring in difficult locations, particularly when close to the floor. Only one removable piece—no screws, washers, or other accessories to drop off and be lost.
- 3. Black Bakelite casing is of modern design and pleasing appearance.
- 4. Has built-in cable clamp, interchangeable for back or bottom wiring.
- 5. Takes bakelite range cap No. 7977, also adapted for use with 3-wire all-rubber cord sets as well as metallic or non-metallic sheathed cable. (See page 63 for rubber range cord sets.)
- 6. Has triple knockouts. For 34", 1" and 114" conduit.
- Regularly furnished without No. 7989 grounding clamp. This clamp connects with ground strap on cap, providing secure ground connection.

### METHOD OF WIRING PRESSURE TERMINALS



A Strip back wire insulation 1/8 in.—lay wire in terminal plate channel.



C Place pressure plate assembly in channel over wire as shown.

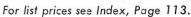
Pressure Type Terminal



**B** Pressure plate assembly.



D Apply screwdriver. The first quarter turn will rotate and lock the wing nut in slots. Screw down tightly to secure tight electrical connection.



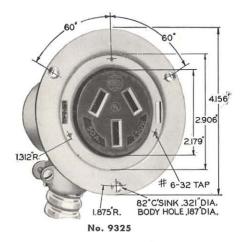




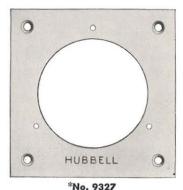
### 50 AMPERE 3-WIRE POWER OUTLET

DOES NOT REQUIRE A SEPARATE OUTLET BOX

### **POLARIZED**







with screws furnished.

50 AMPERES, 250 VOLTS

Cat.

Description

9325 Bakelite Receptacle

9326 Stainless Steel Face Plate, Semi-polished finish

\*9327 Steel Sub Plate

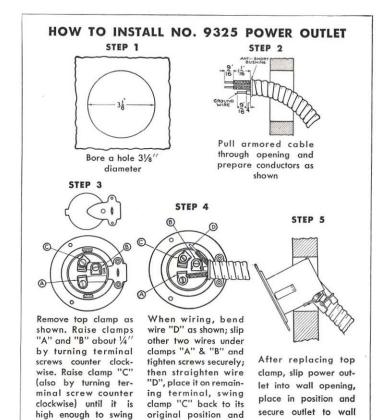
The angle cable grip clamp will accommodate BX, Greenfield or other metal sheathed cable, or non-metallic cable, measuring .750  $^{\prime\prime}$  to 1.187  $^{\prime\prime}$  .

Maximum depth from underside of flange to bottom of cord clamp, with largest cable in place, is 31/2".

Supplied with three nickel plated wood screws. Specify No. 9325-G if desired with one contact grounded to metal casing.

\*No. 9327 is equipped with an extra set of mounting holes. Is for use under the face plate where it may be necessary to cover up a carelessly cut hole in the plaster wall. Finished to resist corrosion.

> This receptacle does not require a separate outlet box. It is designed to be mounted through a 31/8" hole drilled in the wall. Receptacle body is of black bakelite. Regularly supplied with grounding slots through plate to accommodate caps with independent ground clips as on Nos. 7977, 9304 and 9305. Also takes all standard 50 ampere, 250 volt 3 wire caps without grounding clips including Range Cord Sets on page 63.



tighten screw.

back against casing.



### HARVEY HUBBELL, INC.

BRIDGEPORT, CONNECTICUT

Page 62-A Revised

June, 1950

### **NEW DEVICE CATALOG PAGE**

Supplementing Catalog No. 28

# NEW

# 30 AMPERE 3-WIRE POWER OUTLET

WITH "L" SHAPED GROUNDING SLOT



- RECEPTACLE BODY IS BLACK BAKELITE
- (Dimensions same as No. 9325, Page 62)
- DOES NOT REQUIRE A SEPARATE OUTLET BOX
- DESIGNED TO BE MOUNTED THROUGH 31/8" HOLE DRILLED IN WALL
- TAKES ONLY 30 AMP. CAPS WITH "L" SHAPED GROUNDING BLADE LISTED BELOW
- ANGLE CABLE CLAMP TAKES BX, GREENFIELD OR OTHER METAL SHEATHED CABLE, ALSO NON-METALIC CABLE MEASURING .750 to 1.187"
- MAXIMUM DEPTH FROM UNDERSIDE OF FLANGE IS 31/2"
- SUPPLIED WITH THREE NICKEL PLATED WOOD SCREWS.

Specify No. 9335G if desired with one contact grounded to metal casing.



No. 9336

HUBBECL

No. 9337 or 9338



30 AMPERES — 250 VOLTS

Catalog No.	Description	Cord Diameter
9335	Bakelite Receptacle	
9337	Armored Cord Grip Cap, Ungrounded	.625 to .1000
9338	Armored Cord Grip Cap, Grounded	.625 to .1000
9336	Stainless Steel Face Plate without Slots, Semi-Polished Finish	
*9327	Steel Sub Plate	

\*No. 9327 is equipped with an extra set of mounting holes. This plate is for use under the flange of steel housing where it may be necessary to cover up a carelessly cut hole in the plaster wall. Finished to resist corrosion.

## HARVEY HUBBELL, INC.

BRIDGEPORT, CONNECTICUT



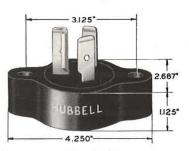
### **NEW DEVICE CATALOG PAGE**

Supplementing Catalog No. 28



### 30-AMP. 3-WIRE RECEPTACLE — CONNECTOR — SURFACE BASE

WITH L-SHAPED GROUNDING SLOTS AND BLADE POLARIZED - BLACK



No. 9342



No. 9341



\* No. 9340 With No. 7114 Plate



### 30 AMPERES - 250 VOLTS

Cat. No.	Description	Cord Diameter
*9340	Flush Receptacle, Black Porcelain, "L" Grounding Slot— Less No. 7114 Plate	
9341	Connector Body, Black Composition	.625 to 1.000
9342	Male Base, Black Composition	
7114	.060" Brass Plate	

\*No. 7114 Plate is standard 2-gang size, finished brush brass For Caps to fit Above, see Nos. 9337 and 9338, Page 62A For suitable Outlet Boxes and Covers for No. 9340, see bottom Page 51

### 30-AMP. 3-WIRE SURFACE RECEPTACLE

30 AMPERES - 250 VOLTS

Cat. No.	Cat. No. Description				
9343	Surface	Receptacle,	Polarized,	Black	Composition

For Caps to fit No. 9343, see Nos. 9337 and 9338, Page 62-A

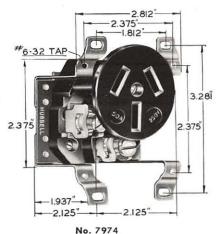




### 50 AMP. 3-WIRE POWER RECEPTACLE

### \*WITH PATENTED PRESSURE TYPE TERMINALS

### POLARIZED



No. 7974 with No. 7975

50 AMPERES, 250 VOLTS

Description

No. \* 7974 Receptacle only

.040" brush brass plate only, with ground slots and contacts 7975 \*\***7978** No. 7974 Receptacle complete with No. 7975 .040" Brush Brass Plate, having ground slots and contacts

7987 .040" brush brass plate only, less ground slots and contacts †\***7988** No. 7974 Receptacle complete with No. 7987 .040" Brush Brass Plate, less ground slots and contacts

Range outlet No. 7974 with one screw pressure type terminal, is designed for 4" or 411/16" box and standard 34" plaster cover. Requires no special attachment. Will accommodate Bakelite Range Cap No. 7977 or standard rubber cord sets listed below.

† Fits standard 4" box (Universal No. 52151-S with 34" knockout and 52C18 cover) and standard 411/6" square box (Universal No.

72171-1 with No. 72C18 cover). No. 7978 has ground slots and contacts in the plate. Will accommodate Bakelite Range Cap No. 7977 or standard rubber cord sets, equipped with or without ground blades.

No. 7988 takes caps without grounding blades: Nos. 7513, 7520, or rubber cord sets Nos. 7914, 7915, 7916, 7933, 7934 as listed below. \*See Page 61 for method of wiring Pressure Type Terminals.

### 3-WIRE RANGE CORD SETS

Cat.

Description

38" Rubber, 2 No. 6 and 1 No. 8 Wires

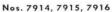
38" Rubber, 2 No. 8 and 1 No. 10 Wires

7916 38" Rubber, 3 No. 6 Wires

\*7933 36" Rubber, with Bakelite Cap, 2 No. 8 and 1 No. 10 Wires

7934 36" Rubber, with Bakelite Cap, 2 No. 6 and 1 No. 8 Wires







Nos. 7933, 7934

<sup>\*</sup> Rated 35 Amperes, 125 or 250 volts. All other range cord sets rated 50 Amperes, 250 volts.



### 60 AMP. 4-WIRE FLUSH RECEPTACLES



No. 7301 and 7114

### POLARIZED





No. 7302

60 AMPERES, 250 VOLTS

Description

Cat. No.

7301 Receptacle, Porcelain, Black Glazed Face

7302 Angle Cap, Black Composition

7303 Cord-Grip Cap, Black Composition

7114 .060" Brass Plate, 41/2" x 49/16"

**7115** .100" Brass Plate 5½" square

Soldering lugs on Nos. 7301,7302 and 7303 accommodate No. 4 wires. Accommodate cords  $\frac{34''}{1}$  to  $\frac{114''}{1}$  in diameter. Standard finish of plates is brush brass.

# FITTINGS SUITABLE FOR USE WITH NO. 7301 RECEPTACLE

### Adalet Manufacturing Co.

HHE-605 combination box and cover, dead end or E type. HHC-605 combination box and cover, straight through or C type.

### Appleton Electric Co.

FS Series Unilets with 2-gang Unilet Extension and 14098 cover for surface or flush work. 4SJD boxes with special 8489-A cover for exposed work.

### Crouse Hinds Co.

FSC-32 condulet body with EXF-12 extension. S-622 surface type cover and SS-622 flush type cover.

### Steel City Electric Co.

H2BD box with 2GC concealed cover or 2GCB surface type cover.

### Thomas & Betts Co.

FD Two-Gang Tubelets.



### 15 AMPERE DUPLEX FUSED ADAPTER

### FOR RANGE RECEPTACLES

Converts an idle 50A, 250V. - 3-wire Range outlet to a standard 15A. Duplex convenience outlet. Has section for 15 ampere Fuse Plug as shown in illustration. Fuse plug enclosed with metal cover.

15 AMPS., 125 VOLTS-BOTH OUTLETS

Cat. No.

Description

7980 Duplex Fuse Adapter

\* Fuse Plug not regularly supplied.



\* Showing Fuse Plug Inserted

### SCREW BASE ADAPTERS AND "SIGNALITE"







Cat.

Description

- 5897 Black Composition, Tandem Blades, 660 Watts, 250 Volts
- 7029 Series, Side Outlet, Parallel Blades, Black Composition, 660 Watts, 250 Volts
- 6108 "Signalite" Without Lamp, Tandem Blades, 10 Amperes, 125 Volts
- 6109 "Signalite" With 125-Volt Lamp, Tandem Blades, 10 Amperes, 125 Volts
- 6736 "Signalite" Without Lamp, Parallel Blades, 10 Ampere, 125 Volts
- 6737 "Signalite" With 125-Volt Lamp, Parallel Blades, 10 Amperes, 125 Volts
- 6101 Red 125-Volt Lamp Only

### T-SLOT PLUG TAPS







No. 6772



No. 7772

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Description

Cat.

6771 Multiple, Tandem Blades, Black Composition

6772 Multiple, Parallel Blades, Black Composition

Series, Single Slots, Parallel Blades, Black Composition



### TABLE CONE AND TRIPLEX TABLE TAP







No. 6900

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat. No.

Description

**\*7900** Table Cone, Bakelite Body with 5 foot cord and cap

Accommodates four plug caps in multiple. Height over all,  $11\frac{1}{16}$ ". Diameter of base,  $3\frac{1}{16}$ "

6900 Triplex Table Tap, Composition Body, with connector, cap, and 8 feet of cord

### "T" SLOT TE-TAPS DOUBLE



No. 7010



No. 6290

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Cat.

7010 Twin, Composition Body, tandem blades, Black

7035 6290

Twin, Composition Body, parallel blades, Black Triplex, Porcelain Body, tandem blades, Black

### SIDE OUTLET CURRENT TAPS



No. 6339



No. 6298



No. 6711

Cat. No.

660 WATTS, 250 VOLTS Description

6339 Single Outlet and Lamp Outlet, Composition

6298 Single Outlet and Lamp Outlet, Series, Porcelain 6711 Double Outlet and Lamp Outlet, Composition

Above Double "T" outlets will accommodate all types Standard 10 Ampere Attachment Plug Caps.



### BAKELITE PLURAL PLUGS







No. 204



No. 207

Cat.

200 Two-way Socket, 660 W. 250 V

204 Double Current Tap, 660 W. 250 V

207 Cube Tap, Three Plug Outlets, 10A. 250 V; 15A. 125 V

### PORCELAIN SWITCH, RECEPTACLE, AND PILOT

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Description

Fits a standard two-gang wall case. Double-pole switch is in parallel with Receptacle and Pilot Outlet. Both are dead when switch is in off position. Base dimensions,  $4 \times 5\frac{1}{4}$  inches. Screws space  $1^{13}$ /6  $\times$   $3^{9}$ /2 inches.

Description

Description

No.

466 Non-Reciprocating Metal Cover Switch, Medium Base Receptacle



No. 466

### RADIO OUTLETS

POWER OUTLETS-15 AMPERES, 125 VOLTS; 10 AMPERES, 250 VOLTS

### SINGLE OUTLET - FOR AERIAL AND GROUND

Cat. No.

4193 Brown, less cap

4193-I Ivorine, less cap

4185 Brown, with 4190 cap

4185-I Ivorine, with 4190-I cap



No. 4193

### **DUPLEX OUTLET** — RADIO AND POWER CONNECTIONS

Divider plate separates aerial and ground from the power connections. Divider plate fits 1½, 2, and 2½-inch boxes.

4189 Brown, less cap
4189-I Ivorine, less cap

**4189-I** Ivorine, less cap **4188** Brown, with 4190 cap

4188-I Ivorine, with 4190-I cap

Above Receptacles take standard Single or Duplex Flush Plates.

RADIO CAP



4190 Brown 4190-I Ivorine

Cord hole, .281" x .375".

One blade set at an angle to prevent insertion in power outlet.



HIMBELL

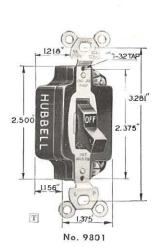
No. 4190

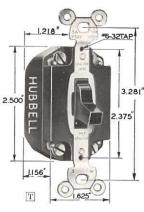


### SPECIFICATION GRADE

### FLUSH TOGGLE SWITCHES

### T-RATED-ENCLOSED BAKELITE BASE-BAKELITE HANDLES





No. 9803

Cat. No.	Description	Ampe 125-V.T.	250-V.
9801	Single Pole		5
9802	Double Pole	10	10
9803	3-Way	10	5
9933	3-Way	20	10
9804	4-Way	5	2
9805	Single Pole	20	10
9806	Double Pole	20	10

Will fit 11/2" switch boxes.

Brown bakelite handles are standard.

Dimensions for Nos. 9802, 9933, 9804, 9805 and 9806 Brown same as No. 9803.

5

10

5

10

2

10

10

10

10

20

### WITH METAL HANDLES



No. 7901

Cat.		Ampe 125-V.T.	eres
No.	Description		250-V.
7901	Single Pole	10	5
7902	Double Pole	10	10
7903	3-Way	10	5
9623	3-Way	20	10
7904	4-Way	5	2
7905	Single Pole	20	10
7906	Double Pole	20	10

Description

Single Pole....

Double Pole.....

3-Way..... 3-Way.....

4-Way.....

Single Pole.....

Double Pole.....

Key.....

Regularly supplied grounded. Standard finish for handles is brush brass, Dimensions for No. 7901 same as No. 9801.

Dimensions for Nos. 7902, 7903, 9623, 7904, 7905 and 7906 same as No. 9803.

### LOCKING TYPE—WITH ENCLOSED BAKELITE BASE





Will fit 11/2" switch boxes.

Cat.

9701

9702

9703

9613

9704

9705

9706

8965

One No. 8965 key furnished with each locking switch. Keyway finished brown to match bakelite. Regularly supplied grounded.

Dimensions for No. 9701 same as No. 9801.

Dimensions for Nos. 9702, 9703, 9613, 9704, 9705 and 9706 same as No. 9803.



### HARVEY HUBBELL, INC.

BRIDGEPORT, CONNECTICUT

Page 68-A Revised April, 1950

### NEW DEVICE CATALOG PAGE

Superseding Page 68-A, June 1949



# 10 AMP. FLUSH SWITCHES WITH IVORY HANDLE

T-RATED - ENCLOSED BAKELITE BASE

Will fit 11/2" Switch Boxes. Dimensions Same as No. 9801, page 68.

Catalog No.	Description	125-V.T.	eres 250-V
9801-!	Single Pole, Ind.	10	5
9802-I	Double Pole, Ind.	10	10
9803-I	3-Way	10	5
9933-I	3-Way Ind	20	10
9804-I	4-Way	5	2
9805-I	Single Pole, Ind	20	10



T

No. 9815-L

T

### **20 AMP. FLUSH SWITCHES**

T-RATED — ENCLOSED BAKELITE BASE

These Lock Switches are associated with No. 9815 Line, page 71. One No. 8965 Key furnished with each Locking Switch. These Lock Switches are regularly supplied grounded.

### WITH IVORINE HANDLES

Catalog No.	Description	125-V.T.	eres 250-V
9815-I	Single Pole, Ind	20	20
9816-I	Double Pole, Ind.	20	20
9943-I	3-Way	20	20

### LOCK TYPE

9815-L	Single Pole, Ind.	20	20
9816-L	Double Pole, Ind.	20	20
9943-L	3-Way	20	20
8965	Key	_	_

## HARVEY HUBBELL, INC.

BRIDGEPORT, CONNECTICUT



### **NEW DEVICE CATALOG PAGE**

Supplementing Catalog No. 28

### WEATHERPROOF PLATE FOR LOCK SWITCHES

WITH SELF-CLOSING LIFT COVER AND SEALING GASKETS

PROVIDES PROTECTION AGAINST MOISTURE AND DUST IN EXPOSED LOCATIONS



NO. 7425 PLATE AND NO. 9701 SWITCH ASSEMBLED TO "FS" TYPE BOX (Outlet box not furnished.)

HUBBELL

### DESIGNED . .

FOR USE WITH LOCK SWITCHES LISTED ON PAGES 68, 68-A, 69 AND 72 OF CATALOG 28

### FEATURES

- 1. Metal plate finished to resist corrosion.
- 2. Spring hinge cover snaps shut automatically when cap is removed. Coil spring is made of "Grade A Phosphor Bronze."
- 3. Rubber gasket in cover seals when cover is
- 4. Vellumoid gasket beneath plate, to seal plate to "FS" or "FD" box.
- 5. Plate designed to take Hubbell lock switches. Plaster ears of Switch should be removed to allow proper mounting of switch to the plate.
- 6. Fiber insulating disc for mounting lock switch furnished with each plate—This disc should be placed over raised key-way of switch as illustrated.

Catalog No.	Description	
7425	Aluminum Weatherproof Plate for Lock Switches—Complete with Gaskets	

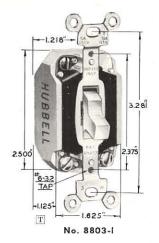


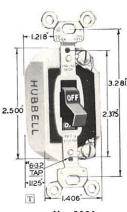
### STANDARD GRADE

### FLUSH TOGGLE SWITCHES

### T-RATED—PORCELAIN BASE—BAKELITE HANDLES

Cat. No.	Description	125-V.T.	eres 250-V.
8801	Single Pole	10	5
8801-I	Single Pole, Ivorine	10	5
8941	Single Pole	20	20
8941-I	Single Pole, Ivorine		20
8942	Double Pole		20
8942-I	Double Pole, Ivorine		20
8802	Double Pole	10	10
8802-I	Double Pole, Ivorine	10	10
8803	3-Way	10	5
8803-I	3-Way, Ivorine	10	5
8943	3-Way	20	10
8943-I	3-Way, Ivorine	20	10
8804	4-Way	5	2
8804-I	4-Way, Ivorine	5	2





No. 8801

Large binding screws take No. 10 wire easily.

Dimensions for 8941 Brown and Ivory same as No. 8803-I.

Dimensions for Nos. 8942, 8802, 8943 and 8804 Brown and Ivory same as No. 8803-I.

### WITH METAL HANDLE

Cat. No.			250-V.	
7801	Single Pole	10	5	
7802	Double Pole	10	10	
7842	Double Pole	• •	20	
7803	3-Way	10	5	
7804	4-Way	5	2	
7805	Single Pole	20	20	

Standard finish for handles is brush brass. Regularly supplied grounded. Dimensions for No. 7801 same as No. 8801.

Dimensions for Nos. 7802, 7842, 7803, 7804 and 7805 same as No. 8803-I.

### LOCKING TYPE - WITH PORCELAIN BASE

For Use with Standard Rectangular Opening Switch Plates

Cat.		Amperes 125-V.T. 250-V.	
No.			
8961	Single Pole	10	5
8962	Double Pole	10	10
8963	3-Way	10	5
8964	4-Way	5	2
8965	Key		

One No. 8965 key furnished with each locking switch. Keyway finished brown to match bakelite. Regularly supplied grounded. Dimensions for No. 8961 same as No. 8801.

Dimensions for Nos. 8962, 8963, 8964 same as No. 8803-1.



No. 7801



No. 8965



No. 8961



### INTERMEDIATE GRADE

### FLUSH TOGGLE SWITCHES

T-RATED-BAKELITE-WASHER EARS









No. 9641

No. 9641-I

No. 7441

No. 7661

Cat.		Ampe	res
No.	Description	125-V.T.	250-V
9641	Single Pole, Indicating	10	5
9641-1	Single Pole, Ivorine	10	5
9643	3-Way	10	5
9643-1	3-Way, Ivorine	10	5
7441	Single Pole, 31/4" Steel Cover	10	5
7451	Single Pole, 4" Steel Cover	10	5
7443	3-Way, 3¼" Steel Cover	10	5
7453	3-Way, 4" Steel Cover	10	5
7661	Single Pole on 31/4" Bakelite Cover	10	5
7662	Single Pole on 4" Bakelite Cover	10	5
7663	3-Way on 31/4" Bakelite Cover	10	5
7664	3-Way on 4" Bakelite Cover	10	5

### TOGGLE SWITCHES

FOR OIL BURNERS

T-RATED-BAKELITE







No. 7448

Cat.		Amp	eres
No.	Description	125-V.T.	250-V.
7444	Single Pole Oil Burner Switch on 31/4" Red Cover	10	5
7445	Single Pole Oil Burner Switch on 4" Red Cover	10	5
7448	Oil Burner Flush Plate, Red, .040"		



# HARVEY HUBBELL, INC. BRIDGEPORT, CONN.

Salesman's Special Letter No. 28- 12

Date April 19, 1949

To be inserted after page 70

### CHANGE IN RATING OF MERCURY SWITCHES

Effective at once, the rating of Mercury Switches, as listed on page 71 of our #28 Catalog, will be changed

FROM 10 Amp., 125V.T., 5 Amp., 250V.AC or DC

TO 10 Amp., 125V., 5 Amp. 250V 5 Amp. 125V.T.

You will observe that the principal change is the removal of the "T" rating from the old 10 Ampere, 125 Volt rating, and the added new rating of 5 Amperes, 125V.T.

Your catalog should be corrected accordingly.

SALES DEPARTMENT



# HARVEY HUBBELL, INC.

Date April 19, 1949

Stlemen's Special Letter No. 37 - 12

To be intested after page 70

### CHANGE IN RATING OF MERCITAY SWITCHES

Effective of opens the meting of Mercury Syltakes, ds listed on case 71 of our 220 Catalog, will be changed

SAOM 10 Augus 1254 T. S Amps, 2504 AC or DC

TO Aup., 125V., 5 Aup. 250V

You will observe that the principal change is the removed of the "t" reting from the old 10 Ampere, 125 Volt rating, and the added new rating of 5 Amperes, 125V.T.

Yaur catelog should be corrected acceptangly

THE THE PART HE LAS



### STANDARD GRADE

### FLUSH TOGGLE SWITCHES

### T-RATED-BAKELITE-WIDE EARS

Cat.		Ampe	res
No.	Description	Ampe 125-V.T.	250-V
1815-D	Single Pole	10	5
1835-D	3-Way	10	5
1844-D	4-Way	5	2

### IVORINE

Cat.		Ampe	eres
No.	Description	125-V.T.	250-V.
1915-D	Single Pole	10	5
1935-D	3-Way	10	5
1944-D	4-Way	5	2

These Switches take Standard Switch Plates.







### ROUND METAL HANDLE SWITCHES

	Cat.		peres
No.	Description	125-V.	250-V.
8121	Single Pole, Composition base	10	5
8122	Double Pole, Composition base		10
8132	Double Pole, Composition base		20
8123	3-Way, Composition base	10	5
8124	4-Way, Composition base	5	2

Standard finish on handle is brush brass. Regularly supplied grounded. Handles may be finished to match plates. See page 78 for suitable flush plates.

Description

### Sphinx MERCURY FLUSH SWITCHES

10 AMP., 125 V.T., 5 AMP., 250 V-, A.C. or D.C.

Cat. No.	
9711	Single Pole, Indicating
9711-I	Single Pole, Ind., Ivorine
9712	Double Pole, Indicating
9712-I	Double Pole, Ind., Ivorine
9713	3-Way
9713-I	3-Way, Ivorine
9714	4-Way
9714-I	4-Way, Ivorine

IMPORTANT: Switch must be mounted vertically. "Top" on one support indicates correct mounting position. Sphinx 3- and 4-way Mercury Switches cannot be used with Master Control or Emergency Systems of wiring where all lights are turned on by a master switch. Brown Bakelite handles are standard.

### 20 AMP. SHALLOW FLUSH TOGGLE SWITCHES

### T-RATED-ENCLOSED BAKELITE BASE-WASHER EARS

Cat.		Amperes 125-V.T. 250-V.		
No.	Description	125-V.T.	250-V.	
9815	Single Pole, Ind	20	20	
9816	Double Pole, Ind	20	20	
9943	3-Way	20	20	

Dimensions for Nos. 9815, 9816 and 9943 are the same as No. 9803 on page 68.







No. 9815



### HEAVY DUTY TOGGLE SWITCHES

### T-RATED—ENCLOSED BAKELITE BASE—BROWN HANDLES



	1.7	mile mid-out pintering proc pito		
Cat Std. Type	. Nos. Lock Type	Description	Ampe 125-V.T.	res 250-V.
2971	2971-L	Single Pole	20	20
2972	2972-L	Double Pole	20	20
2973	2973-L	3-Way	20	20
2974	2974-L	4-Way	20	10
2923	2923-L	Single Pole	30	30
2924	2924-L	Double Pole	30	30
2925	2925-L	3-Way	30	30
2926	2926-L	4-Way	20	10
	2308	Key only		• •

Length 2¾"; Width, 11½6"; Depth, 13½2". One key furnished with each lock switch.

# HUBBELLL

No. 4401

### PUSH BUTTON SWITCHES

Cat.	Nos.	PORCELAIN BASE		
Std.	Lock		Amp	peres
	Туре	Description	100000000000000000000000000000000000000	250-V.
4401	4401-L	Single Pole	10	5
4402	4402-L	Double Pole	• •	10
4403	4403-L	3-Way	10	5
4404	4404-L	4-Way	5	2
	4405	Key		

One key is furnished with each Lock Switch.





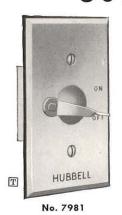
# "ACORN" GRADE FLUSH TOGGLE SWITCHES

### PORCELAIN BASE-WIDE EARS-BAKELITE HANDLES

Cat. No.	Description	Amp 125 V.	250 V.
9891	Single Pole	10	5
9891-I	Single Pole, Ivorine	10	5
9893	3-Way	10	5
9893-1	3-Way, Ivorine	10	5



### **OUTDOOR WEATHERPROOF SWITCHES**



Cat.	Cat.		eres 250-V.
No.	Description	125-V.T.	250-V.
7981	Single Pole	10	5
7982	Double Pole	10	10
7983	3-Way	10	5
7984	4-Way	5	2

Plate fits over a rubber mat to make it watertight. Number includes Plate and Rubber Mat.

FOR "FS" TYPE FITTING	FOR	"FS"	TYPE	FITTINGS
-----------------------	-----	------	------	----------

7991	Single Pole	10	5
7992	Double Pole	10	10
7993	3-Way	10	5
7994	4-Way	5	2

These Switches are furnished with steel plates with rounded edges, for "FS" Type Fittings. A rubber weatherproof mat is included which fits under the cover.



No. 7991



### CEILING PULL SWITCHES

### WITH BAKELITE SHELLS

Cat.		Amp 125-V.	peres
No.	Description	125-V.	250-Y
7650-BC	Single Pole, Slotted Base.	10	5
7652-BC	Double Pole, Slotted Base		10
7653-BC	3-Way, Slotted Base	10	5

Supplied with 8 feet of black cord. Diameter of base, 21/2". Mounting screws spaced 121/32" on centers.

5020-BC	Single Pole, 31/4"	10	5
5026-BC	Single Pole, 4"	10	5



### SURFACE TOGGLE SWITCHES WITH BRASS COVERS AND METAL HANDLES

No.       Description       125-V.       250-V.         *8171       Single Pole, Solid.       5       3         *8191       Single Pole, Slotted       5       3         *8421       Single Pole, Solid.       10       5         *8431       Single Pole, Slotted       10       5         *8173       3-Way, Solid.       5       3         *8193       3-Way, Slotted       5       3         †8112       Double Pole, Solid        10         †8162       Double Pole, Slotted        10         †8153       3-Way, Solid       10       5         †8233       3-Way, Slotted       10       5	Cat.		Amr	peres
*8191       Single Pole, Slotted       5       3         *8421       Single Pole, Solid       10       5         *8431       Single Pole, Slotted       10       5         *8173       3-Way, Solid       5       3         *8193       3-Way, Slotted       5       3         †8112       Double Pole, Solid       10         †8162       Double Pole, Slotted       10         †8153       3-Way, Solid       10		Description	125-V.	250-V.
*8421 Single Pole, Solid	*8171	Single Pole, Solid	5	. 3
*8431       Single Pole, Slotted       10       5         *8173       3-Way, Solid       5       3         *8193       3-Way, Slotted       5       3         †8112       Double Pole, Solid       10         †8162       Double Pole, Slotted       10         †8153       3-Way, Solid       10         5       5       5	*8191	Single Pole, Slotted	5	3
*8173 3-Way, Solid	*8421	Single Pole, Solid	10	5
*8193 3-Way, Slotted	*8431	Single Pole, Slotted	10	5
†8112       Double Pole, Solid        10         †8162       Double Pole, Slotted        10         †8153       3-Way, Solid        10       5	*8173	3-Way, Solid	5	3
† <b>8162</b> Double Pole, Slotted	*8193	3-Way, Slotted	5	3
† <b>8153</b> 3-Way, Solid	†8112	Double Pole, Solid	• •	10
10.130 o may, coma	†8162	Double Pole, Slotted	• •	10
† <b>8233</b> 3-Way, Slotted	†8153	3-Way, Solid	10	5
	†8233	3-Way, Slotted	10	5

Brush brass is standard finish for brass covers. If these metal handle switches are desired grounded, suffix letter "G" to catalog number. Black porcelain base. Screw holes are elongated. For Wiring Diagrams, see page 108. \*Screw spacings,  $1\frac{1}{2}$ " to  $1\frac{21}{32}$ ". †Screw spacings,  $1\frac{21}{32}$ " to  $1\frac{25}{32}$ ".





.531 1.687" HUBBELL 2.625"-

No. 8112



### SURFACE TOGGLE SWITCHES

# HUBBELL 2000

No. 9072

### WITH BLACK BAKELITE COVERS AND HANDLES

Cat. No.	Description		eres 250-V.	Base Inches	Hole Spacing
9072	Single Pole, Slotted	6	3	2	1 7/16
9074	3-Way, Slotted		2	21/8	1 7/16
9068	Single Pole, 31/4" Steel Box Cover		3	37/16	23/4
9069	Single Pole, 4" Steel Box Cover.	6	3	41/16	31/2
9070	3-Way, 31/4" Steel Box Cover	5	2	37/16	23/4
9071	3-Way, 4" Steel Box Cover	5	2	41/16	31/2

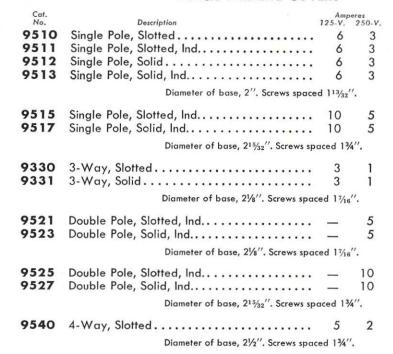
Steel outlet Box Covers finished to resist corrosion.

# HU Sale Li

No. 9068

### SURFACE SNAP SWITCHES

### **BLACK BAKELITE COVERS**





No. 9527

# ON .

No. 4442

### ACORN SURFACE TOGGLE SWITCHES

### WITH BAKELITE COVERS AND HANDLES

•	

No. 4431

Cat.		125-V.	peres
No.	Description	125-V.	250-V.
4442	Single Pole, Slotted Base	5	3
4443	Single Pole, Solid Base	5	3
4444	3-Way, Slotted Base	5	3
4445	3-Way Solid Base	5	3
	Height over cover, 1%2". Screw space	ing 13/8	···.
4431	Single Pole, with 31/4" Steel Box Cover	5	3
4451	Single Pole, with 4" Steel Box Cover	5	3
4433	3-Way, with 31/4" Steel Box Cover	5	3
4453	3-Way, with 4" Steel Box Cover	5	3



### APPLIANCE SWITCHES

### CENTER HOLE MOUNTING

6 AMPERES, 125 VOLTS; 3 AMPERES, 250 VOLTS

No.	Description
8650	Single Pole, with 1%4" Neck
8656	Single Pole, with 1/2" Neck
8745	Single Pole, with 17/4" Neck, Ind.
8746	Single Pole, with 1/2" Neck, Ind.
	10 AMPEDES 250 VOLTS, 15 AMPEDES 1

10 AMPERES, 250 VOLTS; 15 AMPERES, 125 VOLTS

Single Pole, with 17/4" Neck
Single Pole, with 1/2" Neck
Single Pole, with 17/4" Neck, Ind
Single Pole, with 1/2" Neck, Ind.

Cat.

Diameter of neck  $\frac{1}{2}$ "; diameter switch base  $\frac{1}{4}$ "; depth: 6 ampere switch  $\frac{3}{4}$ ", 10 ampere switch  $\frac{1}{3}$ <sub>16</sub>". Standard finishes are brush brass or polished nickel.

### SMALL SIZE DOOR SWITCHES

### MOUNTED IN A PORCELAIN LINED STEEL BOX

6 AMPERES, 125 VOLTS; 3 AMPERES, 250 VOLTS

Cat. No.	Description
• 2022	Switch "On" when door open
•2023	Switch "Off" when door open
*2035	Steel hay for Nos 2022 and 20

\* Box dimensions are  $1\frac{1}{4}$ " x  $2\frac{7}{8}$ " x  $2\frac{3}{4}$ ". Has  $\frac{5}{8}$ " and  $\frac{7}{8}$ " knockouts on ends and bottom. Plate Diameter  $3\frac{3}{4}$ " x  $1\frac{1}{4}$ ".

Plate Diameter  $3\frac{3}{4}$ " x  $1\frac{1}{4}$ ". • Hole required  $1\frac{1}{16}$ " wide,  $2\frac{3}{6}$ " long, and  $1\frac{1}{2}$ " deep. Will fit into No. 2035 box.

# SELF-RESTORING DOOR SWITCHES WITH BOX, SINGLE POLE

6 AMPERES, 125 VOLTS; 3 AMPERES, 250 VOLTS

Cat.
No.

Description

2355 Switch "On" when door open

2356 Switch "Off" when door open

Plunger adjustable from 5½" to ½½".

Complete with Brush Brass Plate, 45½" x 1½" and round strike plate.

Length of Box, 3½". Width, 1½". Depth, 2½".

One 5½" knockout in bottom, one 5½" knockout in one end, and one ½" knockout in other end.

### SWITCH-PLUG FOR CEILING FIXTURES

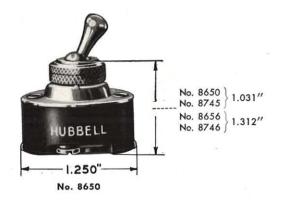
### TAKES BOTH POLARIZED AND NON-POLARIZED PLUG CAPS

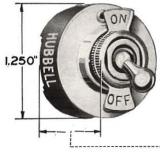
3 AMPS., 250 VOLTS; 6 AMPS., 125 VOLTS

Provides a switch for independent control of a light and standard T-slot outlet.

Outlet can be used without switching on the light.

7020 Composition Switch-Plug





No. 8657 No. 8659

No. 8659

No. 8658 No. 8660 } 1.406"





No. 2022

No. 2035





No. 2355



### FEED-THRU CORD SWITCH PENDANT OR FEED-THRU SWITCH



6 AMPS., 125 VOLTS; 3 AMPS., 250 VOLTS

Cat. No.

271 Single Pole, Bakelite

Cord Holes, .406" to .250"



No. 275

10 AMPERES, 125 VOLTS; 5 AMPERES, 250 VOLTS

Cat.

Description

275 Single Pole, Black Bakelite

### BATTERY SWITCHES AND PLATES

10 AMPERES, 24 VOLTS

Description



No. 8051



No. 8071

3-Way 8053

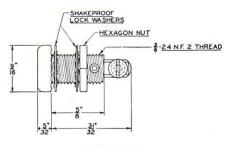
Single Pole

8051

8071 Single Plate

Screw spacings, 1 13/16". Switches have 34" handle

### TIP-JACKS FOR VOLTMETER TEST



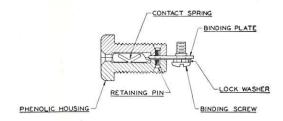
HUBBELL CAT. NOS (BA-12037-1 (RED) BA-12037-2 (BLACK)



Assembled View

No. 12037-1

No. 12037-2



Red Bakelite, .078" Tip 12037-1

Description

(Army-Navy No. AN-3249-1)

12037-2 Black Bakelite, .078" Tip (Army-Navy No. AN-3249-2)

The above Tip-Jacks are designed for mounting in an instrument panel—two of them are installed in the electrical circuit and are used for taking test readings with a portable volt meter.

Unlike some devices of this type, the Hubbell Jack has a moulded bakelite housing which permits its use in a metal panel.

It is furnished with two shakeproof lock washers and a hex mounting nut, for installation through a 13/32" hole. It is also provided with a binding screw for wire attachment as illustrated above.



# UNILINE

### BAKELITE PLATES

### FOR STANDARD HUBBELL WIRING DEVICES







No. 91101



No. 91091



No. 91111



No. 91081



No. 91181



No. 91532



No. 91572



No. 91543

<b>BROWN</b>	IVORINE	TOGGLE SWITCH PLATES
Cat. No.	Cat. No.	Description
91071	92071	One Gang for One Switch
91072	92072	Two Gang for Two Switches
91073	92073	Three Gang for Three Switches
91074	92074	Four Gang for Four Switches
91075	92075	Five Gang for Five Switches
91076	92076	Six Gang for Six Switches
		CONVENIENCE OUTLET PLATES
91101	92101	One Gang for Duplex Convenience Outlet
91102	92102	Two Gang for Duplex Convenience Outlet
91091	92091	One Gang for Single Convenience Outlet
91111	92111	One Gang for No. 7438, 30 Ampere Convenience Outlet
		COMBINATION PLATES
91532	92532	Two Gang for Toggle Switch and Duplex Convenience Outlet
91512	92512	Two Gang for One Toggle Switch and One Single Outlet
91572	92572	Two Gang for One Single and One Duplex Outlet
91543	92543	Three Gang for Two Toggle Switches and One Duplex Outlet
91554	92554	Four Gang for Three Toggle Switches and One Duplex Outlet
		PUSH BUTTON SWITCH PLATES
91081	92081	One Gang for One Push Button Switch
		BLANK AND TELEPHONE PLATES
91181	92181	····.One Gang Telephone Plate, 19/32'' Cord Hole
91121	92121	One Gang Blank Plate
91122	92122	·····Two Gang Blank Plate

**Brown Bakelite Plates** are furnished as standard with Brown Plated Screws. Ivorine plates are furnished as standard with Ivorine enameled screws. Brown Bakelite and Ivory head screws may be furnished on order at slight additional charge.

Blank Plates and Telephone Plates are furnished complete with the necessary mounting straps and screws.



### BRASS FLUSH PLATES

### FOR STANDARD **TOGGLE SWITCHES**



No. 94071 or 96071

### **FOR NO. 8121 LINE TOGGLE SWITCHES**



OLD CAT.

No. 8291

NEW CAT.

### FOR PUSH **SWITCHES**



No. 94081 or 96081

### Struck-Up - .040-Inch Metal BRUSH BRASS FINISH

OLD CAT		NEW CAT.
NUMBER	Description	NUMBER
8771	Single Plate	94071
8772	2-Gang Plate	94072
8773	3-Gang Plate	94073
8774	4-Gang Plate	94074
8775	5-Gang Plate	94075
8776	6-Gang Plate	94076
8777	7-Gang Plate	94077
8778	8-Gang Plate	94078

8//8	8-Gang Plate	940/8
Stru	ck-Up — .060-Inch	Metal
	BRUSH BRASS FINISH	
8751	Single Plate	96071
8752	2-Gang Plate	96072
8753	3-Gang Plate	96073
8754	4-Gang Plate	96074
8755	5-Gang Plate	96075
8756	6-Gang Plate	96076
8757	7-Gang Plate	96077
8758	8-Gang Plate	96078

### Struck-Up - .040-Inch Metal BRUSH BRASS FINISH

NUMBER	Description	NUMBER
⊗8651	Single Plate	
⊗8652	2-Gang Plate	
⊗8653	3-Gang Plate	
⊗8654	4-Gang Plate	
Struck	-Up — .060-Inch	Metal

	op .coo men	morai
	BRUSH BRASS FINISH	
8291	Single Plate	
8292	2-Gang Plate	
⊗8293	3-Gang Plate	
⊗8294	4-Gang Plate	
† A stand	ard package consists of	100 single
plates or eq	uivalent in gangs.	
* A cartor	quantity is 10 gangs.	

* A carton	quantity is	10 gangs.
⊗ Indicates	these items	discontinued.

### Struck-Up - .040-Inch Metal BRUSH BRASS FINISH

OLD CAT. NUMBER	Description	NEW CAT.
8511	Single Plate	94081
8512	2-Gang Plate	94082
8513	3-Gang Plate	94083
⊗8514	4-Gang Plate	
⊗8515	5-Gang Plate	
⊗8516	6-Gang Plate	
⊗8517	7-Gang Plate	
⊗8518	8-Gang Plate	

### Struck-Up - 060-Inch Metal

STruck	-Up — .UbU-Inch	merai
	BRUSH BRASS FINISH	
8551	Single Plate	96081
8552	2-Gang Plate	96082
8553	3-Gang Plate	96083
⊗8554	4-Gang Plate	
	5-Gang Plate	
	6-Gang Plate	
	7-Gang Plate	
⊗8558	8-Gang Plate	

### FOR SINGLE CONVENIENCE OUTLETS



No. 94091 or 96091

### FOR DUPLEX CONVENIENCE OUTLETS



No. 94101 or 96101

### Struck-Up — .040-Inch Metal — Brush Brass

OLD CAT	Description	Dimensions Inches	NEW CAT. NUMBER
6835	Single Plate	$4\frac{1}{2} \times 2\frac{3}{4}$	94091
6836	2-Gang Plate	41/2 x 49/16	94092
6837	3-Gang Plate	$4\frac{1}{2} \times 6\frac{3}{8}$	94093
Str	ick-Up — .060-Inch Metal	— Brush E	Brass
5548	Single Plate	$4\frac{1}{2} \times 2\frac{3}{4}$	96091
5549	2-Gang Plate	41/2 x 49/16	96092
6840	3-Gang Plate		96093

Any of these plates may be assorted for standard package or carton quantity.

† A standard package consists of 100 single plates or equivalent in gangs.

### Struck-Up — .040-Inch Metal — Brush Brass

OLD CAT		Dimensions Inches	NEW CAT. NUMBER
6854	Single Plate	$4\frac{1}{2} \times 2\frac{3}{4}$	94101
	2-Gang Plate		94102
	3-Gang Plate		94103
Str	uck-Up — .060-Inch Metal	— Brush E	Brass
LOFO	C' I DI I	11/ 02/	04101

6258	Single Plate	$4\frac{1}{2} \times 2\frac{3}{4}$	96101
6259	2-Gang Plate	41/2 x 49/16	96102
6859	3-Gang Plate	$4\frac{1}{2} \times 6\frac{3}{8}$	96103

<sup>\*</sup> A carton quantity is 10 gangs.

Plates in Brush Brass or special finishes may be assorted to make standard package or carton quantity.



### BRASS FLUSH PLATES

### SINGLE OUTLET TELEPHONE



No. 94181 or 96181

Furnished with adapter to 39/32".

### **BLANK PLATES**



No. 94121 or 96121

Screw spacings 23/8" on centers.

### Struck-Up — .040-Inch Metal — Brush Brass

OLD CAT. NUMBER		Description	Dimensions Inches	NEW CAT.
6904	Single	Plate	$.4\frac{1}{2} \times 2\frac{3}{4}$	94181

6905 2-Gang Plate.......4½ x 4% 94182 6906 3-Gang Plate.......41/2 x 63/8

### Struck-Up - .040-Inch Metal - Brush Brass

OLD CAT	Dimensions	
6959	Single Plate4½ x 23	4 94121
6960	2-Gang Plate4½ x 49	7 <sub>16</sub> 94122
6961	3-Gang Plate4½ x 63	<b>%</b> 94123

### Struck-Up — .060-Inch Metal — Brush Brass

⊗6912 3-Gang Plate..........4½ x 63/8

Struck-Up — .060-Inch Metal — Brush Brass

96121 **6965** 2-Gang Plate...........4½ x 4%6 96122

6966 3-Gang Plate..........41/2 x 63/8

Any of these plates may be assorted for standard package or carton quantity. A standard package consists of 50 single plates or equivalent in gangs.

\* A carton quantity is 10 gangs.

### LOUVRE PLATE



Description

**7766** Single Gang, .040" brass

No. 7766

### **COMBINATION BRASS PLATES**



No. 94572



No. 94532

### FOR SINGLE AND DUPLEX OUTLETS

OLD CA		NEW CAT.
7040	Single and Duplex, .040 inch	94572
6749	Single and Duplex, .060 inch	96572
	FOR SWITCH AND DUPLEX OUTLE	T

7105	Switch and Duplex, .040 inch	94532
	2 Switches and Duplex, .040 inch	94543
7108	Switch and Duplex, .060 inch	96532
	2 Switches and Duplay 060 inch	96543

For use with warning light receptacles for deflected lighting in stairways, theatres, hospitals, etc.

For special features, special finishes and list prices, see list price index, Page 113.

CATALOG NUMBER

<sup>⊗</sup> Indicates these items discontinued.



### METAL WALL PLATES

### Brown-X - Ivory-X

TRADE MARK REGISTERED U. S. PAT. OFF.

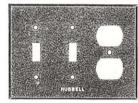












No. 98101 No. 99101

No. 98543

OLD CATALO	OG NUMBERS	TOGGLE SWITCH PLATES	NEW CATALO	OG NUMBERS
BROWN-X	IVORY-X	Description	BROWN-X	IVORY-X
1781	1781-I	One Gang for One Switch	98071	99071
1782	1782-I	Two Gang for Two Switches	98072	99072
1783	1783-I	Three Gang for Three Switches	98073	99073
1784	1784-I	Four Gang for Four Switches	98074	99074
1785	1785-I	Five Gang for Five Switches	98075	99075
1786	1786-I	Six Gang for Six Switches	98076	99076
		CONVENIENCE OUTLET PLATES		
1787	1787-I	One Gang for Single Outlet	98091	99091
1788	1788-I	One Gang for Duplex Outlet	98101	99101
1789	1789-I	Two Gang for Two Duplex Outlets	98102	99102
		COMBINATION PLATES		
1790	1790-I	Two Gang, 1 Tumbler Switch and Single Outlet	98512	99512
1791	1791-I	Two Gang, 1 Tumbler Switch and Duplex Outlet	98532	99532
1792	1792-I	Three Gang, 2 Tumbler Switches and Duplex Outlet	98543	99543
		BLANK AND TELEPHONE PLATES		
1793	1793-I	Single Gang Blank Plate	98121	99121
1794	1794-1	Single Gang, Cord Hole, 38" Bushing	98181	99181

### CHROME-X (.040" STAINLESS STEEL) PLATES

OLD CA		CATALOG MBERS	
1801 1802 1803 1804 1805 1806	One Gang for One Switch. Two Gang for Two Switches. Three Gang for Three Switches. Four Gang for Four Switches. Five Gang for Five Switches. Six Gang for Six Switches.	 97071 97072 97073 97074 97075 97076	
	CONVENIENCE OUTLET PLATES		
1807 1808 1809	One Gang for Single Outlet	 97091 97101 97102	
	COMBINATION PLATES		
1810 1811 1812	Two Gang, One Tumbler Switch and Single Outlet	 97512 97532 97543	
	BLANK AND TELEPHONE PLATES		
1813 1814	Single Gang Blank Plate Single Gang, Cord Hole, 3%" Composition Bushing	 97121 97181	



No. 97071

No. 97101



### COMBINATION BRASS PLATES

### ORDER BY SYMBOL LETTERS

Hubbell Standard Combination Plates are made in .100-inch solid brass, also struck up .060 and .040-inch brass. Combination plates with sections for Interchangeable Line made in .060-inch brass only. Standard finish is brush brass. For special finishes, see List Price Supplement. Advance for special

finishes should be added to brush brass list prices. If plates are ordered by letter only and no finish is specified, brush brass will be supplied. A combination plate must be made up of 2 or more different letters and not gangs of standard plates. For example: AA is not a combination plate.



A - For Push Switch



C — With Round Bull's-Eye for Pilot Light Receptacle



T — With Rectangular Bull's-Eye for Pilot Light Receptacle



† F — For No. 7712 Pilot Light Receptacle † .060 metal only.



5 — For No. 7739 Switch and Bull's-Eye



O — \*For 5/8-Inch Push Button



B — For No. 8121 Round Handle Toggle Switches

### For List Prices Applying to These Units, See List Price Index



D - \*For Outlet Box



P — For Standard Toggle Switch



G — †For Single Convenience Outlets and all Other Standard 2, 3 and 4-Wire Flush Receptacles with Round Faces



Y — †For No. 7410 4-Wire Twist-Lock Receptacle Only



K — †For No. 7438 Receptacle Only



H — For Duplex Convenience Outlet

### For List Prices Applying to These Units, See List Price Index



M — \*For Telephone Outlet One Bushing



E — For Switch and Receptacle No. 8888, etc.



A1 — ‡Single
Opening (Horizontal)
for One Interchangeable Device



B1 — ‡Two Openings for Two Interchangeable Devices



C1 — ‡Three Openings for Three Interchangeable Devices

### For List Prices Applying to These Units, See List Price Index



G1 — ‡Single Opening (Vertical) for One Interchangeable Device



J1 — ‡Blank, Fastening Screws on 313/16 inch Centers (Interchangeable)



R1 — ‡Plate with Bakelite Insulating Adapter for installing with Switch or Pilot Light (Interchangeable)



V1 — ‡For two Interchangeable Devices — two Insulating Adapters

### For List Prices Applying to These Units, See List Price Index

\*Screw spacing, 2% inches. Adapter to  $3\%_{32}$  inches for box mounting supplied with this section.

 $\dagger$ Combinations embracing two adjacent G, Y, or K sections for Nos. 7250, 7310, 7410 or 7438 receptacles, require an extra blank gang between them to provide space for insertion of caps.

‡Available in .060 metal only.

Standard package of special combination plates consists of 10 identical plates; carton, 2 identical plates.

For special dimensions, features or screw spacings, see List Price Supplement. In ordering combination plates, use letters and thickness of metal in the same relative position as required. For example, P C G .060" would cover a plate to take one taggle switch, one bull's-eye, and one single convenience outlet—the bull's-eye to be in the middle, to be of .060" brass.



### CARTRIDGE FUSE CUTOUT BASES

### SINGLE-POLE

250 VOLTS

### BARRIER TYPE—PORCELAIN BASE



þ	)
	4929

Cat. No.	Amps.	
4929	1-30	
4930	31-60	

4 59	
Length	
37/16	
0 / 10	
5	

Vidth	Heigh		
17/32	11/2		
29/32	23/16		

### PORCELAIN BASE

SLATE BASE



-	-
No.	1929

1929	1-30	37/16	1 15/32	13/8
1930	31-60	47/8	11/2	131/3
1931	61-100	715/16	21/4	2%16
1932	101-200	10	21/4	35/32

No. 1932 equipped with clamp terminals.

# No. 1933

648	1-30	43/4	15/8		1 7/16
649	31-60	6	13/4		1 23/32
1933	61-100	10	2		23/8
1934	101-200	10	21/4	19	33/32
4935	201-400	143/4	23/4		33/4

### SINGLE-POLE 600 VOLTS



No. 4938

BARRIER	TYPE-PORCELAIN	BASE

4937	1-30	67/16	1 11/16	13/2
4938	31-60	7%16	21/8	21/2

### PORCELAIN BASE



1-30	7	11/2	13132
31-60	75/8	13/4	27/32
61-100	12	2	2%16
101-200	141/2	21/2	35/32
	31-60 61-100	31–60 75/8 61–100 12	31-60 75% 13/4 61-100 12 2

No. 1940 equipped with clamp terminals.

No. 1943

1941	61-100	12	2	21/2
1942	101-200	141/2	21/2	33/32
1943	201-400	173/4	3	31/8

These devices have interchangeable base sizes with products of other manufacturers of standard material in this class.

SLATE BASE



### CARTRIDGE FUSE CUTOUT BASES

### **DOUBLE AND TRIPLE-POLE**

250 VOLTS

### BARRIER TYPE—PORCELAIN BASE TWO-POLE—MAIN LINE

Cat. No. Amps. Dimensions Inches
1917 1-30 35/6 x 213/6
1918 31-60 5 x 35/8



No. 1917

### TWO-POLE—SINGLE-BRANCH

1919 1-30 4<sup>1</sup>%6 x 2<sup>1</sup>%6 1920 31-60 6<sup>1</sup>%6 x 3<sup>5</sup>%



No. 1919

### TWO-POLE-DOUBLE-BRANCH

1922 1-30 7<sup>3</sup>/<sub>4</sub> x 2<sup>13</sup>/<sub>6</sub> 1996 31-60 10<sup>5</sup>/<sub>8</sub> x 3<sup>5</sup>/<sub>8</sub>



No. 1922

### THREE-POLE-MAIN LINE

1924 1-30 35/6 x 41/6 4925 31-60 5 x 55/6



### THREE-POLE-SINGLE-BRANCH

1926 1-30 61/6 x 41/6 1927 31-60 81/6 x 55/6



No. 1926

### THREE-POLE-DOUBLE-BRANCH

1928 1-30 8% x 41/16 1998 31-60 11% x 55/16



### TRIPLE TO DOUBLE-POLE, DOUBLE-BRANCH

**1923** 1-30 8% x 2<sup>13</sup>/<sub>16</sub> **1997** 31-60 11% x 3<sup>5</sup>/<sub>8</sub>



No. 1923

# FUSE PLUG

### **FUSED NEUTRAL**

30 AMPERES, 125 VOLTS

### SINGLE-POLE-MAIN LINE

Cat. No.

2110

Dimensions: 23/4 x 121/32 inches



No. 2110

### TWO-POLE-MAIN LINE

2220

Dimensions: 215/6 x 25/6 inches



No. 2220

### TWO-POLE—SINGLE-BRANCH

2221

Dimensions: 215/16 x 311/32 inches



No. 2221

### TWO-POLE—DOUBLE-BRANCH

2222

Dimensions: 21 1/16 x 51/32 inches



No. 2222

### TRIPLE TO DOUBLE-POLE DOUBLE-BRANCH

2232

Dimensions: 215/16 x 65/16 inches



No. 2232

### THREE-POLE-MAIN LINE

2330

Dimensions: 2% x 4% inches



No. 2330

### THREE-POLE—DOUBLE-BRANCH 2332

Dimensions: 41/16 x 65/16 inches



No. 2332



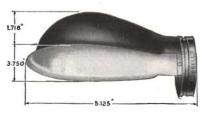
### HUBBELL REFLECTORS

### WITH ADJUSTABLE HOLDERS

### FOR THREADED SOCKET SHELLS—May Be Tilted at Any Desired Angle

Hubbell Half Reflector (No. 5429) and Parabola Reflectors Nos. 5564 and 5571 listed below are now furnished with Adjustable Holders which can be securely screwed to threads on socket shell, and turned as much as one full turn to adjust.

All other reflectors on this page, except those for weatherproof sockets, thread direct to brass shell of sockets and do not require the adjustable feature.



### HALF REFLECTORS

FOR BRASS SHELL SOCKETS

Metal 5429

Size Lamp

Steel

Green and White.....

25-40-60

No. 5429

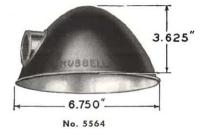
5429-P Steel Green and White..... 25-40-60

### PARABOLA REFLECTORS

FOR WEATHERPROOF SOCKETS

### WITH HOLDER AT SIDE

### FOR BRASS SHELL SOCKETS



Cat. No.	Metal	Finish	Size Lamp Watts
5564	Steel	Green and Frosted	25-40-60
5571	Steel	Dark Brown and Frosted .	25-40-60

### FOR WEATHERPROOF SOCKETS

3304-F	Sie
5571-P	Ste

Green and Frosted.... 25-40-60 Dark Brown and Frosted . 25-40-60



### WITH HOLDER AT 30° ANGLE

FOR BRASS SHELL SOCKETS

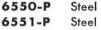
6550
6551

Green and Frosted.... 25-40-60 Steel Steel Dark Brown and Frosted .

25-40-60

### 6.750-No. 6550

		FOR	WEATHERPROC	F SOCKETS
P	Steel	Green ar	nd Frosted	25-40-60



Dark Brown and Frosted . 25-40-60

# 3.843 6.750 "-

No. 6094

WITH HOLDER AT TOP FOR BRASS SHELL SOCKETS

6094	Steel	Green and Frosted	25-40-60
6548	Steel	Dark Brown and Frosted .	25-40-60

### FOR WEATHERPROOF SOCKETS

6094-P	Steel	Green and Frosted	25-40-60
6548-P	Steel	Dark Brown and Frosted .	25-40-60

## HUBBELL Rugged WIRING DEVICES



### **CONE REFLECTORS**

### FOR THREADING DIRECT TO BRASS SHELL SOCKETS

Cat. No.	Reflector In.	Metal	Finish	Size Lamp Watts
5440	8	Steel	Green, White	15-25-40
5441	10	Steel	Green, White	25-40-60
5442	12	Steel	Green, White	40-60-100
		F	OR WEATHERPROC	F SOCKETS
*6760	8	Steel	Green, White	15-25-40
*6761	10	Steel	Green, White	25-40-60

\* Same dimensions as No. 5440 line.







No. 6760

### FLAT REFLECTORS

### FOR THREADING DIRECT TO BRASS SHELL SOCKETS

Cat. No.	Reflector In.	Metal	Finish	Size Lamp Watts
5432	10	Steel	Green, White	25-40-60



6752 10 Steel Green, White. . 25-40-60



TO THE STATE OF TH

No. 6752

### LOCKING TYPE LAMP GUARDS



No. 5685

FOR BRASS SHELL SOCKETS

Cat. No.	Size Lamps Watts
5685	40-60
5635	100

FOR WEATHERPROOF SOCKETS

**5730** 40-60 **5731** 100

One D-4307 key is furnished with each carton of locking guards.





### SHADE HOLDERS

### FOR MEDIUM BASE—BRASS SHELL SOCKETS



No. 501



No. 6633



No. 7298



No. 736



### FOR WEATHERPROOF SOCKETS

Description

Description

Size Inches	
21/4	Brass
31/4	Brass
4	Brass
	Inches 21/4

### BULL'S EYE JEWELS

Ruby jewel and brush brass rings are standard. Also furnished in green, clear, opalescent, amber or blue.

Description

7298 Rectangular Jewel in Metal Frame for Switch **Plates** 

7898 Rectangular Jewel with Clamping Ring for Toggle Switch Plate

\*736 Round, for Single Receptacle Plate

\*(No 736 can be removed from the front.)



No. 7898



No. 112

### CORD GRIP FOR 1/2" KNOCKOUTS

FOR 31/4" AND 4" BOXES

Description

Special ornamental head screws and special screwdriver will be supplied with standard package quantities of plates when so specified without extra charge, or may be purchased

ORNAMENTAL BRASS PLATE SCREW

\*112 1/2" Cord Grip for Covers

No. 112 fits box covers with  $\frac{1}{2}$  knockouts and is suitable for cord from  $\frac{1}{4}$  to 1/2". Has a 17/32" diameter cord hole.



9 Nos. 7169,

7170



7169

separately.

Cat. No.

7213





SCREWS for HUBBELL FLUSH Brass screws (7341) to match bakelite supplied with all bakelite plates.

Description

7170 Screw Driver

Brown

BAKELITE HEADED SCREWS

No. 7213





No. 7209

STANDARD BRASS PLATE SCREWS

7341 Plate Screws, Brush Brass Standard Finish. May also be ordered in Ivory and Brown to match bakelite.

LOCKING CLAMP AND SCREW

7209 Clamp

7213-I Ivorine



### LUMILINE LAMPHOLDERS



660 WATTS, 250 VOLTS





No. 2916

No. 2914

BAKELITE RECEPTACLES

Cat.	
No.	Description
2910	Side Wired, Black
2911	Side Wired, White
2914	Back Wired, Black
2915	Back Wired, White
2916	Twin, Back Wired, Black
2917	Twin, Back Wired, White
2930	Back Wired, Single Screw
	Mounting, Black
2931	Back Wired, Single Screw
	Mounting, White

### BAKELITE CAP







No. 2932

Cat. No. Description 2912 Cap, Black 2913 Cap, White

2932 Cap, Deep Type, Black 2933 Cap, Deep Type, White

### DEEP LUMILINE SWITCH CAPS

FOR INDIVIDUAL CONTROL OF LUMILINE LAMPS





No. 2934 75 WATTS, 125 VOLTS

2934 Black Enclosed Cap and Switch
2935 White Enclosed Cap and Switch

### FLUORESCENT LAMPHOLDERS

### FLUSH OR SURFACE MOUNTING

For use with 1 $^{\prime\prime}$  and 1 $^{\prime\prime}_2$  $^{\prime\prime}$  Diameter Fluorescent Lamps

660 WATTS, 250 VOLTS

### TWIST TURN CONTACTING

Cat. No. Description 2936 Black 2937 White



No. 2936

### FLUORESCENT LAMPHOLDERS

### WITH STARTER SOCKETS

For use with 1" and 1½" Diameter Fluorescent Lamps

660 WATTS, 250 VOLTS

### TWIST TURN CONTACTING

No. Description

2942 Lampholder

and Starter Socket, Black

\*2943 Lampholder and Starter Socket, \*White





No. 2942



No. 2947

### STARTER SOCKETS

FOR SEPARATE OR REMOTE MOUNTING

660 WATTS, 250 VOLTS

Cat. No.

Description

\*2947 Black, for 2-Contact Starter

\*No. 2947 is for use where Lampholders and Starter Socket cannot be installed owing to space limitations. Is designed for flush or surface mounting by means of two screws.



### FLUORESCENT LAMPHOLDERS



### FIXTURE LAMPHOLDERS

WITH METAL BRACKET
TWIST TURN CONTACTING

No. 2938 For

For 1-inch Diameter Lamps only

**660 WATTS, 250 VOLTS** 

Cat. No.

Description

2938 Black for 15 watt 18-inch and 30 watt 36-inch lamps

2939 White, same as above

### **FIXTURE LAMPHOLDERS**

WITH METAL BRACKET
STRAIGHT PUSH CONTACTING

For 1-inch Diameter Lamps only

660 WATTS, 250 VOLTS



Cat. No.

Description

**2957** Black

2958 White

No. 2900

### **FIXTURE LAMPHOLDERS**

WITH WIRE LEADS
SURFACE MOUNTING
TWIST TURN CONTACTING

For 1-inch and 11/2-inch Diameter Lamps

One 9-inch and one 27-inch Lead of No. 18 CF Wire
660 WATTS, 250 VOLTS

Cat.

Description

**2900** Black

2901 White

For general lamp and fixture use. Small size reduces shadows to a minimum when used on fixtures having translucent ends.

A new finding slot makes it easier to insert the lamp. Splicing of additional wire to make connections to auxiliaries is not usually necessary.

No. 2900 is equipped with one 9-inch and one 27-inch wire lead of No. 18 CF wire. Screw spacing,  $^{31}\!\!/_{32}$  inch.

These lampholders are available in either black or white.

### LAMPHOLDERS

FOR MIDGET SIZE LAMPS

(T-5-4, 6 AND 8 WATTS)

75 WATTS, 250 VOLTS

Description



No. 2902

Cat. No.

l. d

2902 Black

2903 White

### STARTER

### FOR 4, 6 AND 8 WATT MIDGET SIZE LAMPS

Cat.

Description

FS-5 Starter

Starter Sockets for Number FS-5 starters are built into the ballast unit for these small lamps. The ballast units may be purchased from your regular source of supply for this class of material.

No. 2947 may be used should a separate starter be desired.



No. FS-5

## FLUORESCENT LAMP STARTERS FOR STANDARD SIZE LAMPS



No. FS-2 or FS-4



No. FS-4-NA

Cat.

Description

FS-2 Starter for 15 watt or

20 watt lamps

FS-4

Starter for 30 watt or 40 watt lamps.

\*FS-4-NA

"No-Blink" Starter for 40

watt lamps only

The switch and condenser are mounted in a small aluminum container fitted with contacts. This unit fits into the socket of the Lampholder. When mounted, the STARTER projects through a reflector or channel surface below the lamp.

Auxiliaries are required. Various sizes are available. You can obtain them through your regular supplier of the present auxiliaries. We do not supply auxiliaries.

\*This starter prevents annoying blinking and flickering of lamps when they have reached the end of their normal life.



### HARVEY HUBBELL, INC.

BRIDGEPORT, CONNECTICUT

Page 88-A Revised

### **NEW DEVICE CATALOG PAGE**

Superseding Pages 88-A and 88-B

Revised April, 1950



### **FLUORESCENT LAMP STARTERS**



No. FS-12 No. FS-85



No. FS-40



No. FS-85-NA4

### STANDARD TYPE - WITHOUT RESET

Catalog No.	Description
FS-12	2-Pin Starter for 32 Watt, T-10 Circline Lam
FS-85	2-Pin Starter for 85 and 100 Watt Lamps
FS-85-4	4-Pin Starter for 85 and 100 Watt Lamps
// 1	O DUNIN // TYPE WITH MANUAL BECET
" N FS-40	2-Pin Starter for 40 Watt Lamps
FS-40	
FS-40	2-Pin Starter for 40 Watt Lamps

These "No-Blink" starters prevent blinking and flickering of lamps which have reached the end of their normal life.



### FLUORESCENT LAMPHOLDERS

FOR MOGUL SIZE LAMPS



(T-17 65 AND 100 WATTS)

#### LAMPHOLDERS

660 WATTS, 250 VOLTS

WITH METAL BRACKET

Cat. No.

Description

2954 White plastic, with bracket, for 100-watt 60" fluorescent lamps

#### WITHOUT METAL BRACKET

2963 White plastic, without bracket, for 100-watt 60" fluorescent lamps



LAMPHOLDERS WITH STARTER SOCKETS

660 WATTS, 250 VOLTS

FOR 2-PIN AND 4-PIN STARTERS

WITH METAL BRACKET

Cat. No.

Description

2959 White with bracket, black plastic starter socket. For 100watt 60" T-17 lamps, FS-6, -64 starters and "NA" type

#### WITHOUT METAL BRACKET

2960 White same as above but without bracket

#### STARTERS

FOR MOGUL SIZE LAMPS



No. FS6

No. FS64

#### FOR 60-INCH 100-WATT LAMP

Cat.

Description

FS<sub>6</sub> 2-Pin Starter for 100-watt lamps

FS64 4-Pin Starter for 100-watt lamps

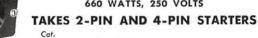
FS6-NA 2-Pin "No-Blink" Starter for 100-watt lamps

FS6-NA4 4-Pin "No-Blink" Starter for 100-watt lamps

#### STARTER SOCKET

FOR SEPARATE OR REMOTE MOUNTING

660 WATTS, 250 VOLTS



Description No. 2964 Black



No. 2964

# FOR SINGLE PIN SLIMLINE LAMPS GENERAL PURPOSE LAMPHOLDERS

These devices accommodate T6 (34" diameter) and T8 (1" diameter) Slimline Lamps. The binding screws are located in recessed base and covered by an insulating plate. Mounting holes for No. 8 screws on 11/4" centers

#### LAMPHOLDERS

#### FOR HIGH VOLTAGE SECONDARY

660 WATTS, 1000 VOLTS

SINGLE TERMINAL CONNECTION

No.

Description

2904 White

Spring supported contact provides push pull prin-No. 2904 ciple of lamp insertion and removal.

#### LAMPHOLDERS

#### FOR LOW VOLTAGE PRIMARY

660 WATTS, 250 VOLTS

#### TWO TERMINAL CONNECTIONS

Cat.

Description 2905 White

The No. 2905 Lampholder is arranged so that the primary circuit is not complete until the lamp pin is inserted. Therefore the current in the high voltage circuit cannot flow to the No. 2904 high voltage lampholder until the lamp is in place.



No. 2905







Over 50 years ago
Hubbell invented the pull socket

# **STANDARD**

#### BRASS SHELL SOCKETS ASSEMBLED





No. 2664



No.				
2618	With			
2632	With	3/8"	Cap	
2620	With	Pen	dant	Cap

2664	With	1/8"	Сар	
2634	With	3/8"	Cap	
2666	With	Pen	dant	Cap

2667	With	1/8"	Сар	
2635	With	3/8"	Cap	
2669	With	Pen	dant	Cap



PULL-250 WATTS, 250 VOLTS

KEY-250 WATTS, 250 VOLTS

KEYLESS-660 WATTS, 250 VOLTS

# HUBBELL Rugged WIRING DEVICES



#### STANDARD SOCKET BODIES







250 WATTS, 250 VOLTS



No. 62

Cat. No.

Description

60 Pull Body

Key Body

660 WATTS, 250 VOLTS

178 Pull Body

Keyless Body

#### STANDARD SOCKET CAPS







No. 411

No. 418

Cat. 411

Female, 1/8" Cap

Female, 3/8" Cap

419 Female, 1/2" Cap

418 Angle, 1/8" Cap

**420** Angle, 3/8" Cap







No. 415 or 416

Cat. No.

Description

414 Pendant

Pendant, Cord Grip .375 to 415 .500" Cord

416 Pendant, Cord Grip .250 to .375" Cord

#### STANDARD SOCKET BASES







No. 25

No. 57

No. 27

Cat. No.

Description 25 Small Concealed Base

Small Concealed—Slotted Screw holes 11/8" on centers.

Surface Wiring Base Screw holes 21/8" on centers.

#### STANDARD PULL SWITCH BODIES





No. 63

No. 65

3 AMPERES, 125 VOLTS: 1 AMPERE, 250 VOLTS

Cat.

Description

63 Fixture Pull Switch

65 Rosette Pull Switch

#### ELECTROLIER SOCKET BODIES AND CAP







No. 59

Cat.

660 WATTS, 250 VOLTS

No. 441

Description

\*59 Push Through Body

Short Shell Keyless Body

**441** Female, 1/8" Cap

\*No. 59 Electrolier push through socket body is regularly furnished with Bakelite buttons.

Standard finish is brush brass. For special finishes and special features, see List Price Index.

Pull sockets are regularly equipped with 61/2-inch chains; pull switches, with short chain and 4-foot black cords. For extra chains, tassels, cord, etc., see page 99. Standard length of keys for all key sockets is 1 inch.



#### **BAKELITE Threaded-Catch SOCKETS**







No. 3986

# **BAKELITE SOCKET BODIES**

250 WATTS, 250 VOLTS

Cat. No.

Description

3984 Key Body

3988 Pull Body

660 WATTS, 250 VOLTS

3986 Keyless Body

3987 Push Body

#### **BAKELITE SOCKET CAPS**







No. 3982

No. 3983

Cat.

Description

3980 1/8" Cap

3981 3/8" Cap

3982 Pendant Cap

FOR .375 TO .500 INCH CORD

3983 Pendant Cap with Cord Grip

Threaded ring is included as part of Socket Body. Brown Bakelite is standard.

#### **BRASS SHELL Threaded-Catch SOCKETS**







No. 1639

No. 1637

No. 1638

#### **BRASS SOCKET BODIES**

250 WATTS, 250 VOLTS

Cat. No.

Description

**1637** Key Body

1639 Pull Body

660 WATTS, 250 VOLTS

1638 Keyless Body

#### **BRASS SOCKET CAPS**









No. 1630

No. 1632

No. 1634

No. 2502

Cat.

Description

1630 1/8" Cap

1632 3/8" Cap

1634 Pendant Cap

FOR .375 TO .500 INCH CORD

2502 Pendant Cap, Cord Grip

Threaded ring is included as part of socket body. Standard finish is brush brass.

Brass Shell Threaded Catch parts do not fit Bakelite parts.

#### THREADED CATCH SOCKETS ARE RECOMMENDED FOR INDUSTRIAL USE

The caps and bodies are held tightly together by means of a threaded ring, which engages the cap and body. There is no chance of the socket body and cap becoming separated when once assembled.

# HUBBELL Rugged



#### PORCELAIN SOCKET BODIES







No. 160

No. 161

No. 162

Description

160 Pull, 250 Watts, 250 Volts

Key, 250 Watts, 250 Volts

162 Keyless, 660 Watts, 250 Volts

#### PORCELAIN SOCKET CAPS









No. 150

No. 151

No. 175

No. 198

Cat.

Description

150 Pendant

1/8" Brass 151

153 3/8" Brass

191 1/2" Brass

175 3/8" Angle Brass

198 Pendant Cord Grip

#### PORCELAIN SOCKET BASES







No. 156

No. 157

Nos. 158 or 159

Cat.

Description

156 Concealed Type

Screw holes 11/8" and 25/16". Outside diameter, 23/4".

157 Cleat Type

Screw holes 115/16". Outside dimensions, 21/8" x 25/16".

Ceiling Base, for 31/4" Boxes Screw holes 23/4". Outside diameter, 311/16".

159 Ceiling Base, for 4" Boxes Screw holes 31/2". Outside diameter, 47/16".

#### KEYLESS PONY WALL SOCKETS





No. 50717

No. 50718

660 WATTS, 250 VOLTS

Cat.

Description

50717 Solid Base

50718 Slotted Base

Supporting screw holes, 13/16 inches. Diameter, 2 inches; height, 2 inches. Standard finish is brush brass.

#### BRASS COVERED CEILING RECEPTACLES



No. 4100 No. 4104



660 WATTS, 250 VOLTS

Cat.

Description

4100 Keyless, for 31/4" and 4" boxes

250 WATTS, 250 VOLTS

**4104** Pull, for 31/4" and 4" boxes Standard finish is brush brass.

#### **BOX RECEPTACLES** WITH METAL COVER AND NO. 14 WIRES





No. 456 or 457

No. 458 or 459

660 WATTS, 600 VOLTS

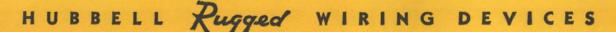
#### FOR 31/4-INCH OUTLET BOXES

Cat. Description 456 Screw Terminals 458 6" Leads

#### FOR 4-INCH OUTLET BOXES

Screw Terminals

6" Leads





# PORCELAIN PULL RECEPTACLES FOR 31/4-INCH AND 4-INCH BOXES



No. 40262

#### WITH FLUTED SHADE HOLDER RING

250 WATTS, 250 VOLTS

Cat. No.	Description	Box Inches
4026	61/2" Chain and Insulator	31/4
4046	61/2" Chain and Insulator	4
40261	61/2" Chain Only	31/4
40461	61/2" Chain Only	4
40262	Short Chain, 4 ft. Cord.	31/4
40462	Short Chain, 4 ft. Cord.	4

# PORCELAIN CEILING RECEPTACLES FOR 31/4-INCH AND 4-INCH OUTLET BOXES



No. 3922

660 WATTS, 250 VOLTS

Cat. No.	Size Inches	Height	Outsid Diamet
3922	31/4	13/3	311/1
3923	4	13/8	47/16

Supporting screws in No. 3922 spaced 23/4". No. 3923 spaced 31/2"

#### PORCELAIN PULL RECEPTACLES



No. 998

250 WATTS, 250 VOLTS

Cat. No.	Description
997	7" Chain and Insulator
998	Short Chain and 4-Foot Cord
999	3-Foot Chain

# PORCELAIN RECEPTACLES WITH FLUSH BACK



PULL—250 WATTS, 250 VOLTS KEYLESS—660 WATTS, 250 VOLTS

No.	Description		
829	Pull, Short Chain and Cord		
830	Pull, Short Insulated Chain		
860	Keyless		

#### PORCELAIN KEYLESS SOCKETS



No. 926



No. 1906

#### 660 WATTS, 250 VOLTS

Cat. No.	Description
926	Side Outlet, 1/8" Nipple
927	Side Outlet, 3/8" Nipple
1906	Duplex, 1/8" Nipple
1905	Duplex, 3/8" Nipple

#### LAMP RECEPTACLES



No. 454

660 WATTS, 250 VOLTS

Cat. No.	Description
454	On 31/4" Brown Bakelite Cover
455	On 4" Brown Bakelite Cover

# PORCELAIN RECEPTACLE 660 WATTS, 250 VOLTS

This receptacle requires a 1%-inch hole. Screws 11% inches on centers.





No. 4070

# HUBBELL Rugged WIRING DEVICES



#### **PORCELAIN SIGN RECEPTACLES**

WITH GLAZED RINGS AND 6" NO. 14 WIRES

660 WATTS, 250 VOLTS

Cat.

Description

4003 With %6" Ring



No. 4003



SHALLOW TYPE

WITH %16-INCH GLAZED RING



No. 4109

No. 59108

660 WATTS, 250 VOLTS

Cat. No.

Description

59108 With Binding Screws4109 With Covered Terminals

WITH %16" SHADE HOLDER RING
660 WATTS, 250 VOLTS

Cat.

Description

4036 With Binding Screws



No. 4036

#### DEEP TYPE

WITH 3/8-INCH RING

660 WATTS, 250 VOLTS

Cat.

Description

61988 With Binding

Screws



No. 61988

#### SHALLOW TYPE

WITH UNGLAZED RINGS



No. 4112



No. 4114 or 4118



No. 4113

660 WATTS, 250 VOLTS

Cat. No.

Description

**4112** Exposed Terminals

**4113** Covered Terminals

**4114** With 9" Leads, No. 14 Wire

4118 With 9" Leads, No. 18 Wire

### PORCELAIN RECEPTACLE

#### FOR PLUG FUSES

0-30 AMP., 125 VOLTS

Cat.

Description

10027 With Binding

Screws

Requires a hole  $1\frac{3}{8}$ " diameter. Supporting screws  $1^{13}$ <sub>16</sub>" on centers.

No. 10027



#### ONE PIECE SIGN RECEPTACLE

660 WATTS, 600 VOLTS

Cat.

Description

4063 With Binding

Screws

Requires a hole 1%'' in diameter. Supporting screws  $1^{13}/_{16}$  on centers.



No. 4063

# MOGUL CLEAT RECEPTACLE

1500 WATTS, 250 VOLTS

Screws spaced 21/8 inches. Diameter of base, 31/2 inches.

Cat. No.

3464



No. 3464

#### **PULL SOCKET TE-TAPS**



No. 3190

PLUG OUTLETS

660 Watts, 250 Volts

**SOCKET OUTLETS** 

250 Watts, 250 Volts



No. 3191

Cat. No.

Description

3190 With Medium Screw Base 3191 With 1/8" Cap

3193 With 3/8" Cap

3194 With Pendant Cap

Standard finish is brush brass.

# PULL SOCKET WITH LAMP BASE

250 WATTS, 250 VOLTS

Equipped with  $6\frac{1}{2}$ " pull chain. Standard finish brush brass.



Description

35024 With Medium Screw Base





For list prices see Index, Page 113.



#### PORCELAIN **CLEAT RECEPTACLES**

660 WATTS, 250 VOLTS

Holes for screws 115/16-inch centers. Base, 21/2x23/8 inches.

Description

50715 Porcelain

**50715-B** Bakelite

#### CLEAT RECEPTACLE

660 WATTS, 250 VOLTS

Holes for screws, 23/8-inch centers. Base, 215/16x223/32 inches.

Cat.

Description

9402

Cleat

#### CLEAT RECEPTACLE

#### WITH SHADE HOLDER GROOVE

660 WATTS, 250 VOLTS

Holes for screws spaced 23/8 inches on centers. Base, 215/16x223/32 inches.

Cat. No.

Description

4013

Cleat



Supported by one screw in center. Outside diameter of base, 2 inches.

CLEAT RECEPTACLE

Description

**\*9171** 

Cleat



No. 50715

No. 50715-B

No. 9402

HUBBELL

No. 4013

No. 9171

# PORCELAIN RECEPTACLE

CLEAT OR CONCEALED WIRING

660 WATTS, 250 VOLTS

Holes for screws elongated to provide 1% to 15/8-inch centers.

Base, 21/8 inches.

Height of base overall, 17/8 inches.

Cat. No.

4229



#### WEATHERPROOF SOCKETS

#### WITH SHADE HOLDER GROOVE

660 WATTS, 600 VOLTS

Description

60666 Composition



No. 60666

#### WITHOUT SHADE HOLDER GROOVE

Cat. No.

Description

43310 Composition



No. 43310

#### WITH MOULDED-IN LEADS

Cat. No.

Description

43320 Mica Compound

Furnished with 41/2-inch No. 14 B. & S. stranded rubbercovered wire.

Longer wire supplied on large orders only.



No. 43320

#### RUBBER WEATHERPROOF SOCKET

660 WATTS, 600 VOLTS

Description

\*311 Rubber Socket

Made of high-grade, soft rubber with 41/2-inch leads No. 14 rubber-covered wire. With spring center contact.



No. 311

#### BAKELITE WEATHERPROOF SOCKET

WITH SHADE HOLDER GROOVE

660 WATTS, 600 VOLTS

Description

310 Bakelite, Brown

Furnished with 41/2 inches of moulded-in No. 14 B. & S. stranded rubber-covered wire.



No. 310

# ugged WIRING



#### ADJUSTABLE ANGLE ADAPTER SOCKETS

For use with Projector and Reflector Lamps.







No. 3596

No. 3597 660 WATTS, 250 VOLTS

Cat.

Description

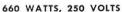
Adjustable Angle Adapter 3596 3597 Angle Adapter Socket

3598 Angle Adapter Socket on 31/4" Galvanized Cover

3599 Angle Adapter Socket on 4" Galvanized Cover

#### PORCELAIN KEYLESS HUSK SOCKETS

#### WITH BODY TERMINALS AND DIE CAST CAPS



Cat. No.	Cap Inches	Length Inches
856	1/8	23/16
858	3/8	23/16
854	1/2	21/4
850	Body Onl	v





No. 856

#### COMPOUND PREFOCUSING SOCKET

#### MEDIUM BASE

1000 WATTS, 250 VOLTS

Cat. No. 9238

Description Socket

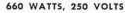


No. 9238

# HUBBE

#### WEATHERPROOF SOCKETS

WITH CAST ALUMINUM SHELLS





Cat.

Description

4006 1/2" Threaded Bushing 4016 1/2" 90° Angle Bushing



No. 4016

#### KEYLESS RUBBER SOCKETS









660 WATTS, 250 VOLTS

Cat. No.

Description

3593 Keyless

3595 Keyless with Cord Grips

3594 Assembling Tool

This Socket is designed for use in industrial plants, where sockets may be subjected to extra hard usage.

The special tool No. 3594, is required to insert the keyless interior and seat it properly in place. Two are furnished with each standard package of sockets.

#### PIN TYPE BAKELITE WEATHERPROOF SOCKET

660 WATTS, 250 VOLTS

Cat. No.

Description

7454 Pin-type

For No. 12 or No. 14 wire.



No. 7454

#### ALUMINUM SHELL SOCKETS





No. 3137



No. 3135

#### **ONE-PIECE TYPE**

660 WATTS, 600 VOLTS

Fitted with inside ring for holding porcelain body in shell.

Cat. No.

Description

With 3/8" Nipple 3135 With 1/2" Nipple 3136

SHADE HOLDER

\* 3137 21/4-Inch

\* For use only with 3135 & 3136.





#### **ADJUSTABLE** CANDLE SOCKET

#### MEDIUM BASE

PULL

250 WATTS, 250 VOLTS

Length Inches Cat.

3965 33/4 45/8

KEYLESS

660 WATTS, 250 VOLTS

No. 3969 3969 33/4 45/8 No. 3965



#### KEYLESS WITH HICKEY

660 WATTS, 250 VOLTS

3394

Bushing

Length

213/16 1/8

#### **KEYLESS SOCKETS** CANDELABRA BASE

Screw Thread Shell Fastening 75 WATTS, 125 VOLTS

No. 3394

Description

**5753** Keyless, 1/8" Cap

Standard finish is brush brass.

No. 5793

No. 5753

#### **BAYONET BASE**

Lock Shell Fastening 75 WATTS, 125 VOLTS

Description

**5793** Keyless, 1/8" Cap

Standard finish is brush brass,

### PORCELAIN CANDELABRA RECEPTACLES



No. 5686



No. 5819



75 WATTS, 125 VOLTS

No. 7042

Cat.

Description

5686 5/16" Male Bushing

7042 1/8" Female, Single Support

5819 1/8" Female Bushing

#### INTERMEDIATE BASE SOCKET DEVICES

**BRASS SHELL** 



No. 2609

KEY, 75 WATTS, 125 VOLTS KEYLESS, 75 WATTS, 250 VOLTS

Cat.

Description

2609 Key, 1/8" Cap

**2611** Keyless, 1/8" Cap

Standard finish is brush brass.

Special finishes take same additional prices as standard sockets. See List Price Supplement.

#### **INTERMEDIATE BAKELITE SOCKET ADAPTER**



No. 492

75 WATTS, 250 VOLTS

Cat.

Description

492 Medium to Intermediate base

#### INTERMEDIATE **PORCELAIN SIGN RECEPTACLES**







No. 6054

75 WATTS, 250 VOLTS

Cat.

Description

6878

With porcelain ring Requires 11/16" hole.

With 2 screw mounting

Screws spaced 13/8". Requires 1" hole.

# HUBBELL Rugged WIRING



#### PULL SOCKETS WITH INSULATED CHAIN



No. 2618 With Insulated Chain

Hubbell Pull Sockets may be furnished with insulated chain. For sockets so equipped add \$16.00 per 100 to the list price.

Standard package quantity is the same as socket with which the insulated chain is ordered.

#### **DETACHABLE LINKS**





No. 6814

No. 1650 No. 1651

Cat. No. Description

\*6814 Detachable Insulating Link

1650 Splicing Link for No. 3 Chain

1651 Splicing Link for No. 6 Chain

#### SOCKET REDUCERS AND BUSHINGS











Description 1/8" Socket Bushing, com-\*5380

position

\*5381 3/8" Socket Bushing, composition

421 Mogul to Medium Reducer

392 Medium to Candelabra

492 Medium to Intermediate

<sup>\*</sup> Packed in bulk.



#### FOR BRASS SHELL PULL SOCKETS

For Reflectors

5828 8, 10 and 12 14

5829

#### FOR PORCELAIN PULL SOCKETS

5957 5958 8, 10 and 12 14

# SOCKET CHAIN, CORD, AND TASSELS



No.	Description
5382	No. 6Standard Socket Chain
6563	Black Linen Cord
6733	White Linen Cord
6735	Heavy Black Linen Cord
3436	6-ft. Cord, Chain and Tas- sel
3320	7" Standard No. 6 Chain with Tassel
3321	61/2" Chain, Ins. and Tassel
3946	Tassel, Standard Detach- able
3947	Tassel, Candelabra Detach
△6561	6-ft. Cord Only with Tassel
△6562	10-ft. Cord Only with Tassel
<b>‡5919</b>	Tassel, Adj. for Linen Cord

‡ Furnished in black finish to match cord.  $\triangle$  Can be supplied with black cord at no extra price.

Standard finish is brush brass.

#### SOCKET INTERIORS





Cat.



No. 3588



No. 3590

Description 3583 Pull, with Chain, Tassel and Chain Eyelet, 250 Watts Standard

3587 Pull, with Chain, Tassel and Chain Eyelet, 660 Watts Standard

3588 Key Interior. 250 Watts Standard

Keyless Interior, 660 Watts Standard 3591 Keyless Interior, Short Shell Electrolier, 660 Watts

3592 Push Interior, Electrolier, 660 Watts

<sup>\*</sup> This device is fitted with slotted catches for chain.



#### INTERCHANGEABLE WIRING DEVICE LINE

## SPECIFICATION GRADE FLUSH SWITCHES



No. 1311

Its fundamental principle is "interchangeability."

From only 20 basic devices and an assortment of wall plates as listed, many combinations of wiring devices can be made.

These units are of a size which allows the installation of three devices in a single gang switch box.

They may be wired with either common or separate feed. These switches will satisfactorily handle Type "C" Lamp loads and carry Underwriters' "T" Rating as shown below.

The handle and strap are insulated from the mechanism. The front and back are enclosed—thoroughly dust-proof.



No. 1411

BROWN	IVORINE		AMP	ERES
Cat. No.	Cat. No.	Description	125 V.	250 V.
1311	1411	Single Pole	10T	5
1312	1412	Double Pole	10	10
1313	1413	Three Way	10T	5
1314	1414	Four Way	5 T	2

#### LOCK SWITCHES



No. 1313

	LOCK 3	AALLCIN	-5
1311-L	 Single Pole	10T	5
1312-L	 Double Pole	10	10
1313-L	 Three Way	10T	5
1314-L	 Four Way	5T	2
1498	 Key only for Nos. 131	1L and 1	1313L
1499	 Key only for Nos. 131	2L and 1	314L

Key furnished with each Lock Switch



No. 1311-L

MOMENTARY	CONTACT	SWITCHES
-----------	---------	----------

 1311-MO
 1411-MO
 Single Pole, Circuit Normally Open.
 10
 5

 1311-MC
 1411-MC
 Single Pole, Circuit Normally Closed
 10
 5

### RESIDENTIAL TYPE FLUSH SWITCHES

#### **BAKELITE—TOTALLY ENCLOSED**



No. 1391

BROWN	IVORINE		AMI	PERES
Cat. No.	Cat. No.	Description	125 V.	250 V.
1391	1491	Single Pole	10	5
1393	1493	Three Way	10	5

**Note:** When installing Interchangeable switches it is necessary to use mounting straps. See illustration and listing page 102. The correct style of mounting strap is furnished, without charge, packed with each Interchangeable plate.



#### INTERCHANGEABLE WIRING DEVICE LINE

## CONVENIENCE OUTLETS AND ATTACHMENT PLUG CAPS

#### SINGLE CONVENIENCE OUTLETS

For assembly in combination with switches, radio outlets, or any other Interchangeable devices.

OUTLET RATING-15 AMPERES, 125 VOLTS; 10 AMPERES, 250 VOLTS

BKOWN	IVORINE	
Cat. No.	Cat. No.	Description
1320	1420	Parallel Slots
1341	1441	Pilot Light Outlet, Parallel Slots
1327	1427	Insulating Adapter

#### BAKELITE ATTACHMENT PLUG CAPS

\*1321 \*1421 Rectangular, Parallel Blades, %2" x 36" Oval Cord Hole

1326 1426 Rectangular, Parallel Blades, Polarized, %2" Cord Hole

#### BLACK RUBBER ATTACHMENT PLUG CAP

Two-Piece, Rectangular, Parallel Blades, 5/16" Cord Hole





No. 1320





No. 1327





No. 1372

**DUPLEX AND TRIPLEX CONVENIENCE OUTLETS** 

#### PARALLEL SLOTS

OUTLET RATING-15 AMPERES, 125 VOLTS; 10 AMPERES, 250 VOLTS

BROWN	IVORINE	
Cat. No.	Cat. No.	Description
13202	14202	Duplex
13203	14203	Triplex
13202-Y	14202-Y	Duplex, 2-Circuit

Note: We do not recommend the use of Interchangeable Convenience Outlets with non-insulated metal plates unless the plates are equipped with Bakelite Insulating Adapters.





No. 13202

No. 13203

#### RADIO OUTLETS AND CAPS

#### RADIO OUTLET, CAP AND DIVIDER

Outlet can be installed in any outlet box singly, in multiple, or with other Interchangeable devices. Cap blades are set at an angle which prevents insertion in power slots. Cat. No. 1346, box divider, shown on page 102, keeps the antenna and ground wires separate from any power circuit entering the same box.

#### BROWN IVORINE

Cat. No. Description

1322 1422 Radio Outlet (For Antenna and Ground Connections)

1323 1423 Radio Cap (For Antenna and

Ground Connections) %32" Cord





No. 1322

No. 1323

Note: When installing the above devices, except Duplex and Triplex Outlets, it is necessary to use mounting straps. See illustrations and listings page 102. The correct style of mounting strap is furnished, without charge, packed with each Interchangeable plate.

<sup>\*</sup> Not now supplied with "finger grips."

# HUBBELL Rugged WIRING DEVICES



#### INTERCHANGEABLE WIRING DEVICE LINE

#### COMBINATION DEVICES





















75 WATTS, 125 VOLTS

BROWN IVORINE Cat. No. Cat. No.

Description

#### NIGHT LIGHT WITH CLEAR LAMP

1339 With Chromium Plated Reflector

#### PILOT LIGHT WITH RED LAMP

1340 With Chromium Plated Hood

#### FLUSH PILOT LIGHTS

1376 Single Pilot Light with Red Jewel 1377 Combination Pilot Light for use with Switch or Outlet, in any Two Opening Plate Red Plastic Jewel for Nos. 1376 and 1377 1342

Flush Neon Pilot Light (Rated ½5 Watt—125 Volts)

### NAME PLATE, BELL PUSH & BLANK

Name Plate (Stainless Steel) 1330 1444 Bell Push for 6 to 12 Volt Circuits 1344 1345 1445 Blank Insert or Cord Hole for Wall Plates

## ACCESSORIES AND BOX COVERS



1375

1475











No. 1346

Cat. No.

Description 1343 Chromium-Plated Hood only for No. 1340

1347 Single Opening Mounting Strap 1348 Three Opening Mounting Strap

1354 Appliance Strap (Fastening Holes Tapped for 6-32 Screws)

Lamp only (6 Watts, 120 Volts) for No. 1339 S-6 Clear Box Divider for 11/2", 2" or 21/2" Switch Boxes 1346

#### METAL BOX COVERS

1361 Single Opening Round Cover for 31/4-Inch Box 1362 Single Opening Round Cover for 4-Inch Box 1363 Two Opening Round Cover for 4-Inch Box

The correct style of mounting strap is packed with each brass or bakelite plate. They may, however, be ordered separately.

# HUBBELL Rugged WIRING DEVICES



#### INTERCHANGEABLE WIRING DEVICE LINE

## UNILINE BAKELITE PLATES













No. 91052

No. 91032

#### No. 91041

91042

92042

10

50

16

#### WITH HORIZONTAL OPENINGS

			W	ITH HC	DRIZONTAL OPENINGS
BROWN	IVORINE		Wi., Lbs.		
Cat. No.	Cat. No.	Carton	Std. Pkg.	Std. Pkg.	Description
91011	92011	10	100	16	Single Gang for 1 device
91011	92011	10	100	10	Single Gang for 1 device
91021	92021	10	50	8	Single Gang for 2 devices
91031	92031	. 10	30	6	Single Gang for 3 devices
91012	92012	10	50	16	2-Gang for 1 device each gang
91022	92022	10	30	9	2-Gang for 2 devices each gang
91032	92032	10	20	5	2-Gang for 3 devices each gang
91023	92023	10	20	6	3-Gang for 2 devices each gang
*91052	92052	10	30	9	Combination Plate
1367	1467	20	100	1/2	Plate Screw
				WITH	VERTICAL OPENINGS
91041	92041	10	100	16	Single Gang for 1 device
700.71		VALUE		ec. (52s)	1980 28185 - No. 1891 - No. 189

<sup>\*</sup> These plates are for use with No. 1340 Pilot Light in combination with an Outlet and Switch, or No. 1377 Flush Pilot in combination with other devices.

Note: All interchangeable Uniline plates are furnished with correct mounting straps.

Plate Screws—All brown bakelite plates are furnished as standard with brown plated screws. Ivory plates are furnished as standard with ivory enameled screws.

2-Gang for 1 device each gang



#### INTERCHANGEABLE WIRING DEVICE LINE

### BRASS WALL PLATES

Brush Brass is standard and will be furnished when no finish is specified.

# Acres :





No. 94021 No. 96021

#### STRUCK-UP .040" METAL

OLD CATALOG	SINGLE GANG  Description	EW CATALOG
1771-A	One Opening (horizontal)	94011
1771-B	Two Openings	
1771-C	Three Openings	
1 <i>77</i> 1-G	One Opening (vertical)	

#### TWO GANG

1772-2A	Two Openings (horizontal)	94012
1772-2B	Four Openings	94022
1772-2C	Six Openings	94032
1772-2G	Two Openings (vertical)	94042
	Blank Plate	



No. 94022 No. 96022

#### THREE GANG

1773-3A	Three Openings (horizontal)	94013
1773-3B	Six Openings	94023
1773-3C	Nine Openings	94033
	Three Openings (vertical)	94043
	Blank Plate	

### STRUCK-UP .060" METAL

#### SINGLE GANG





No. 94031 No. 96031

No. 94041 No. 96041

1671-A	One Opening (horizontal)	96011
1671-B	Two Openings	96021
1671-C	Three Openings	96031
1671-G	One Opening (vertical)	96041

#### TWO GANG

1672-2A	Two Openings (horizontal)	96012
	Four Openings	96022
	Six Openings	96032
1672-2G	Two Openings (vertical)	96042
⊗1672-2J	Blank Plate	

No. 94032 No. 96032

#### THREE GANG

	MIKEL CANO	
1673-3A	Three Openings (horizontal)	96013
1673-3B	Six Openings	96023
1673-3C	Nine Openings	96033
1673-3G	Three Openings (vertical)	96043
⊗1673-3J	Blank Plate	variate race:

Note: The brass plates listed above are supplied complete with the necessary straps for mounting Interchangeable devices,  $\otimes$  Indicates these items discontinued.



#### INTERCHANGEABLE WIRING DEVICE LINE

### METAL WALL PLATES

Brown-X — Ivory-X

TRADE MARK REGISTERED U. S. PAT. OFF.



No. 98041

OLD CATALOG NUMBERS

1501









No. 98032

OLD CATALO	G NUMBERS	SINGLE GANG	NEW CATALO	G NUMBERS
BROWN-X	IVORY-X	Description	BROWN-X	IVORY-X
1301	1301-1	One Opening (horizontal)	98011	99011
1302	1302-1	Two Openings	98021	99021
1303	1303-1	Three Openings	98031	99031
1304	1304-1	One Opening (vertical)	98041	99041
		TWO GANG		
1305	1305-1	Two Openings (horizontal)	98012	99012
1306	1306-1	Four Openings	98022	99022
1307	1307-1	Six Openings	98032	99032
1308	1308-1	Two Openings (vertical)	98042	99042
		THREE GANG		
1309	1309-1	Three Openings (horizontal)	98013	99013
1310	1310-1	Six Openings	98023	99023
1394	1394-I	Nine Openings	98033	99033
1395	1395-1	Three Openings (vertical)	98043	99043

Brown-X and Ivory-X plates have a multiple coat of baked-on, insulating enamel. Closely resembling Bakelite, they have all of the sturdiness of metal plates—they will not warp or crack and their surface is very satisfactory for painting.

### CHROME-X (.040" STAINLESS STEEL) PLATES

#### SINGLE GANG

Description

One Opening (horizontal)....

1302	Two Openings	9/021	
1503	Three Openings	97031	
1504	One Opening (vertical)	97041	
	TWO GANG		
1507	Two Openings (horizontal)	97012	
1508	Four Openings	97022	
1509	Six Openings	97032	
1510	Two Openings (vertical)	97042	
	THREE GANG		
1511	Three Openings (horizontal)	97013	
1512	Six Openings	97023	

**1513** Nine Openings.....

1514 Three Openings (vertical).....



NEW CATALOG

NUMBERS . 97011

97033

No. 97011



No. 97021



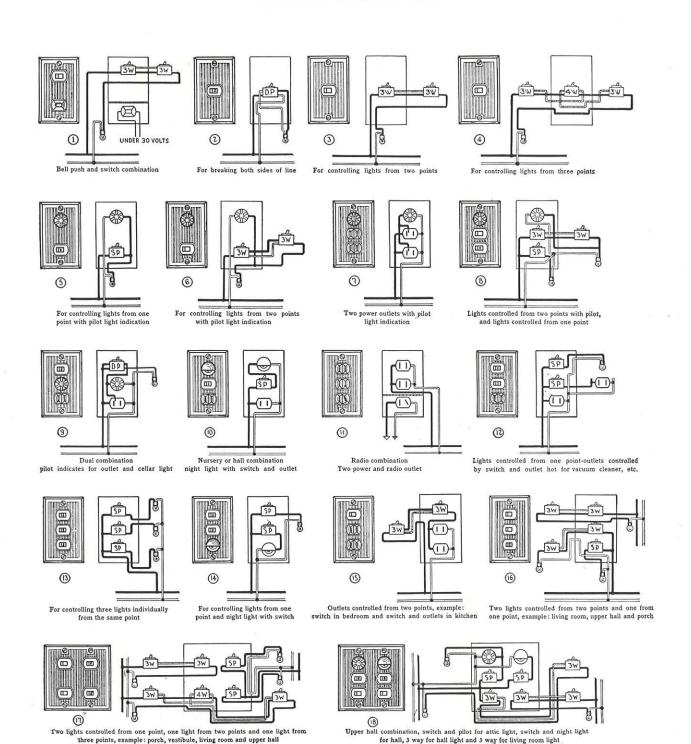
No. 97022

Chrome-X plates are made of .040" stainless steel. Their soft, semi-polished, silver-like finish is right in the metal and will last indefinitely. Plates listed above are supplied complete with the necessary straps for mounting Interchangeable devices.



## WIRING DIAGRAMS

#### INTERCHANGEABLE LINE





#### WIRING DIAGRAMS

#### **GROUNDED CONNECTING DEVICES**

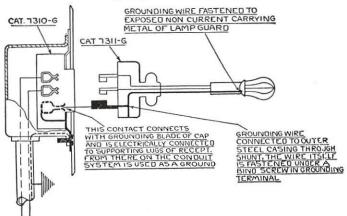
The National Electrical Code REQUIRES that exposed non-current carrying parts of portable equipment be GROUNDED when operating at MORE than 150 volts to ground, and RECOMMENDS GROUNDING of the frames of portable motors which operate at more than 50 volts and less than 150 volts to ground when this can be readily accomplished. (Reference: Section 2545, Page 64 of 1947 National Electrical Code.)

Grounding of the frames of all portable devices is highly desirable where persons may touch the device and grounded surfaces at the same time.

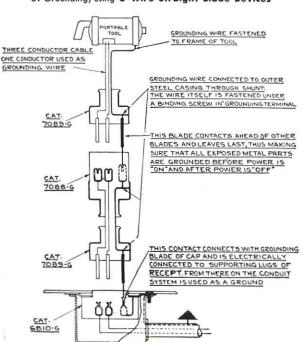
The following sketches are typical of 3-Wire and 4-Wire installations.

#### TYPICAL EXAMPLE

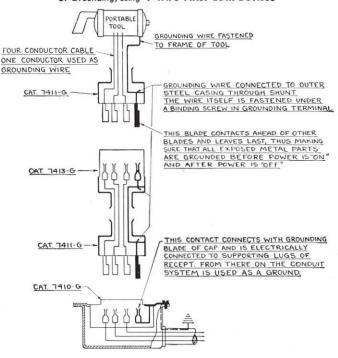
of Grounding, using 3-Wire Twist-Lock Devices



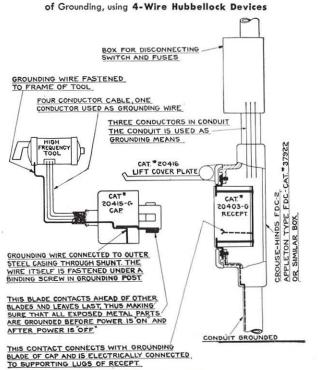
# TYPICAL EXAMPLE of Grounding, using 3-Wire Straight Blade Devices



# TYPICAL EXAMPLE of Grounding, using 4-Wire Twist-Lock Devices



# TYPICAL EXAMPLE

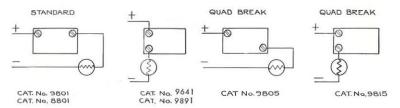




### WIRING DIAGRAMS

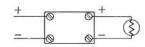
#### **FLUSH TOGGLE SWITCHES**

#### SINGLE POLE



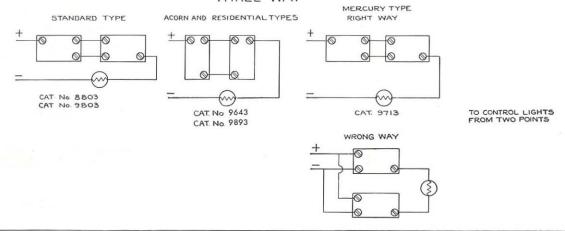
CONTROLLING LIGHT FROM ONE POINT.
BREAK ONE SIDE OF LINE

#### DOUBLE POLE - ALL TYPES

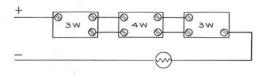


FOR CONTROLLING LIGHT FROM ONE POINT. BREAK BOTH SIDES OF LINE

#### THREE WAY



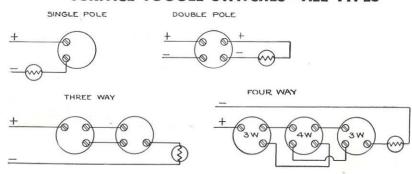
#### FOUR WAY- ALL TYPES



FOR CONTROLLING LIGHTS FROM THREE DIFFERENT POINTS

FOR ADDITIONAL POINT CONTROLS ADD FOUR WAY SWITCHES.

#### SURFACE TOGGLE SWITCHES—ALL TYPES





# A Twist of the Cap and it Locks



# Twist-Lock

# NEVER DISCONNECTS ACCIDENTALLY

Easy servicing of electrically operated and motor-driven machines demands a separable electrical connection.

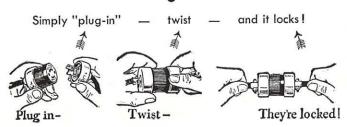
Wherever motor-driven tools or portable electrical apparatus are used, Twist-Lock connecting devices provide a maximum of safety, and a minimum of time-loss and inefficiency in electrical operation!

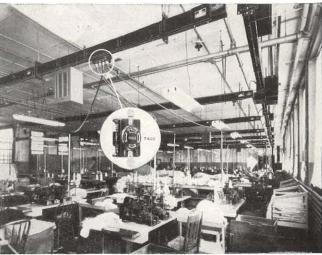
Twist-Lock devices insure a positive contact that will not come loose accidentally regardless of what treatment they may be subjected to, or where conditions prevail that might otherwise hamper production.

The important element of safety depends upon protection from shock and fire hazard through the use of properly polarized and grounded devices.

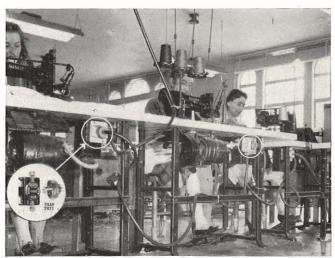
Twist-Lock devices meet all of these requirements and make possible easy servicing of electrically operated and motor driven machines.

Manufacturers and designers of electrically operated machines, in constantly increasing numbers, are installing Twist-Lock devices because of these distinctive features.





TWIST-LOCKS USED IN LARGE SHIRT FACTORY TO CONNECT SEWING MACHINES TO BUS-DUCT SYSTEM



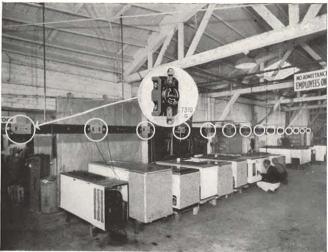
TWIST-LOCKS USED WITH SEWING MACHINES IN KNITTING MILLS



USING 4-WIRE GROUNDED TWIST-LOCKS FOR HIGH CYCLE TOOLS AND 3-WIRE TWIST-LOCKS FOR SINGLE-PHASE TOOLS IN CABIN CRUISER PRODUCTION LINE

# HUBBELL Rugged WIRING DEVICES





TWIST-LOCKS USED FOR OPERATING DEEP FREEZING UNITS, WHERE CONSTANT CURRENT SUPPLY IS IMPERATIVE



MIDGET TWIST-LOCKS USED ON UNITS FOR DIATHERMY MACHINES



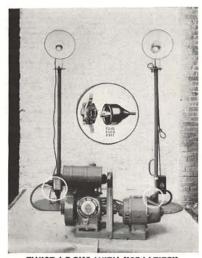
TWIST-LOCKS USED IN AIRCRAFT
ASSEMBLY



TWIST-LOCKS USED ON MOTOR-GENERATOR SETFOR OPERATING PORTABLE ELECTRIC SAWS AND DRILLS



TWIST-LOCKS ON BATTERY CHARGERS
SAW HARD SERVICE IN CHINA



TWIST-LOCKS WITH "SEALTITE"
COVERS FOR FLOODLIGHTING



MIDGET TWIST-LOCKS USED ON CODIE-KAY AUTO-MATIC POTATO CHIP SACKER



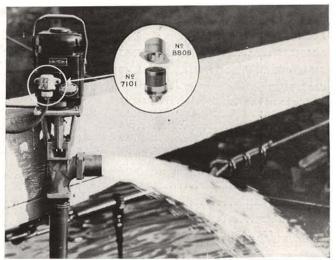
TWIST-LOCKS USED ON PORTABLE WELDING MACHINE

# HUBBELL Rugged WIRING DEVICES

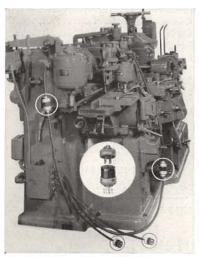




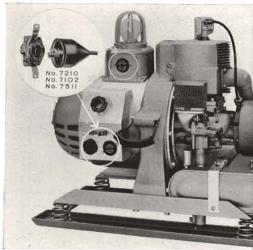
TWIST-LOCKS AND HUBBELLOCKS INSTALLED IN TRANSFORMER
CART FOR AIRCRAFT ASSEMBLY



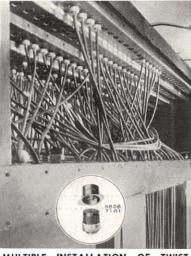
TWIST-LOCKS USED FOR PORTABLE BILGE PUMPS



TWIST-LOCKS USED ON MOTORIZED WOODWORKING MACHINES



TWIST-LOCKS USED ON HOMELITE CORPORATION PORTABLE GENERATOR SETS



MULTIPLE INSTALLATION OF TWIST-LOCKS IN LARGE OPERA HOUSE



MIDGET TWIST-LOCKS USED ON ELEC-TRIC INSECTICIDE SPRAYER



TWIST-LOCKS USED ON D. W. ONAN MOTOR-GENERATOR SETS



MIDGET TWIST-LOCKS USED ON HEATER MANTLES IN THE LABORATORY

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#### DECIMAL EQUIVALENTS OF FRACTIONS OF AN INCH

		1/32	1/64	.031	3/8		11/32	23/64	.359		11/16		43/64 45/64	.68
	1/16							25/64	.390	1		23/32	47/44	.71
		3/32	5/64				13/32	27/64		3/4			47/64	
10			7/64			7/16			.437	,			49/64	.76
/8			9/64				15/32	29/64				25/32	51/64	
				.156				31/64	.484		13/16			
	3/16		11/64		1/2			33/64				27/32	53/64	.84
	V3. 112.55		13/64	.203			17/32		.531				55/64	.85
		7/32	15/64			9/16		35/64		7/8	• • • • • • • • • • • • • • • • • • • •		57/64	
/4				.250		,,,,,,,,,		37/64	.578			29/32		.90
		9/32	17/64	.265			19/32	39/64	.593		15/16		59/64	.93
			19/64	.296	5/8				.625		,		61/64	.95
	5/16		21/64				21/32	41/64				31/32	63/64	

# HUBBELL

# PLATE CHART

PAGE 112-A

# BAKELITE-BRASS-STAINLESS STEEL



Style of Plate	Gangs		8	· O.	0	°00°	© .				; S	0	0 0	0000	o .
	1	91071	91101	91091	91121	91081	91181					91011	91021	91031	91041
Uniline	2	91072 91073	91102		91122			91532	91512	91543	91572	91012	91022 91023	91032	91042
Brown	3	91073								91543	-		91023		
Bakelite	5	91075											1 1 1		
bukeme		91076												-	
	1	92071	92101 92102	92091	92121 92122	92081	92181	92532	92512		92572	92011 92012	92021 92022	92031 92032	92041
Uniline	2	92072 92073	92102		92122			92532	92312	92543	923/2	92012	92022	92032	92042
	4	92074								720-10			72020		
Ivorine	5	92075													
	6	92076	0.4101	0.4007	0.4101	0.4007	0.4101					0.401.1	0.1003	0.1000	0.10.15
.040	2	94071 94072	94101 94102	94091 94092	94121 94122	94081 94082	94181 94182	94532	94512	-	94572	94011	94021	94031	94041
	3	94073	94103	94093	94123	94083	94183	74552	74312	94543	74372				
Brush	4	94074													
Brass	5	94075													
	6	94076 96071	96101	96091	96121	96081	96181					98011	96021	04021	0(041
.060	2	96071	96101	96091	96122	96082	70101	96532	96512		96572	90011	90021	96031	96041
	3	96073	96103	96093	96123	96083				96543					
Brush	4	96074													
Brass	5	96075 96076													
	1	98071	98101	98091	98121		98181					98011	98021	98031	98041
	2	98072	98102	70071	70121		70101	98532	98512			98012	98022	98032	98042
Brown-X	3	98073								98543		98013	98023	98033	98043
Metal	4	98074													
	5	98075 98076													
	1	99071	99101	99091	99121		99181				NI N	99011	99021	99031	99041
	2	99072	99102					99532	99512			99012	99022	99032	99042
Ivory-X	3	99073						7.7		99543		99013	99023	99033	99043
Metal	5	99074 99075										-			
PART OF THE	6	99076													
.040"	1	97071	97101	97091	97121		97181					97011	97021	97031	97041
	2	97072	97102					97532	97512	07510		97012	97022	97032	97042
Chrome-X	3	97073								97543		97013	97023	97033	97043
Stainless	5	97074 97075													
Steel	6	97076							Ly. Line						

# Sizes of Round Flexible Cord or Cable

These dimensions are not guaranteed, are liable to manufacturing variations, and are subject to change without notice

					2 (	CONDU	JCTOR:	S				3	COND	UCTOR	S				4	CONDI	JCTOR	S	1
SIZE	TYPE		OKOCORD	SUPER NO SERVICE	ROYAL	TIREX *	6. E. REX	AMERCIAD	SECURITY A	OKOCORD	SUPER	ROYAL	TIREX	6. E. FLEX	AMERCLAD	SECURITY	OKOCORD	SUPER	ROYAL	TIREX	G. E. FLEX	AMERCIAD	SECURITY
18	S			.390	.391	.390	.390	.390	.390		.405	.412	.410	.410	.405	.405		.435	.447	.440	.440	.435	.435
18	SJ			.305	.300	.310	.300	.305	.315		.335	.335	.340	.330	.335	.345		.360		.360		.360	.360
18	SO		.390					.390		.405					.405		.435					.435	
18	SJO		.305					.305		.335					.335							.360	
16	S			.405	.407	.410	.410	.405	.405		.430	.440	.430	.430	.430	.430		.485	.494	.490	.490	.485	.485
16	SJ			.330	.326	.330	.330	.330	.340		.360	.360	.360	.360	.360	.370		.390		.390		.390	.390
16	SO		.405					.405		.430					.430		.485					.485	
16	SJO	*	.330					.330		.360		LA S			.360							.390	
14	S			.530	.532	.530	.530	.530	.530		.560	.563	.560	.560	.560	.560		.605	.618	.610	.610	.605	.605
14	SO		.530					.530		.560					.560		.605					.605	
12	S			.600	.605	.610	.610	.600	.605		.635	.635	.640	.640	.635	.635		.665	.705	.670	.670	.665	.665
12	SO		.600					.600		.635					.635		.665					.665	
10	S			.640	.640	.640	.640	.640	.640		.690	.690	.690	.690	.690	.690		.745	.760	.750	.750	.745	.745
10	SO		.640					.640		.690					.690		.745					.745	
8	S						.760	fa a	.810					.790		.910	100				.860		.990
8	SO		.790		A					.900	FE						.970						
8	CABLE			.823	.837	.810		.810	MIL		.942	.929	.910		.910			1.020	1.009	.990		.990	
6	S								.930							1.010							1.100
6	SO		.910							.990							1.070						
6	CABLE			.964	.971	.930		.930			1.040	1.030	1.010		1.010			1.130	1.122	1.100		1.100	
6	CABLE				.993							1.055							1.149				
6	CABLE TYPE W						.930							1.010							1.100		

1 MANUFACTURED BY THE OKONITE COMPANY

GENERAL CABLE CORPORATION

2 " UNITED STATES RUBBER COMPANY " SIMPLEX WIRE AND CABLE COMPANY 5 MANUFACTURED BY GENERAL ELECTRIC COMPANY

" AMERICAN STEEL AND WIRE COMPANY

" ANACONDA WIRE AND CABLE COMPANY

# HUBBELL WIRING DEVICES



# LIST PRICES AND INDEX APPLYING TO CATALOG No. 28 EFFECTIVE DEC. 15, 1950

Note Suspended Items I

S Numbers marked with S are temporarily out of production. No orders can be accepted for these items, and if received will be automatically cancelled.

This supersedes and cancels all previous List Price Bulletins

All prices subject to change without notice

HARVEY HUBBELL, INC.
BRIDGEPORT, CONNECTICUT



December 15,	1970	,										C KE MI O
Ca <b>i.</b> No.	Cat. Page	List Per 100	Pkg. Sid. Car- Wgi, Pkg. ton Lbs.	Cat. No.	Cat. Page	List Per 100		Pkg. ar-Wgi. on Lbs.	Cat. No.	Cat. Page	List Per 100	Pkg. Std. Car- Wgt. Pkg. ton Lbs.
FS-2 FS-4 FS-4NA FS-5 FS-6	88 88 88 88 89	\$24.00 24.00 72.00 42.00 85.00	100-10 4 100-10 4 100-10 3 100-10 3 50-10 3	428 429 430 431 432	40 40 40	Sub	stitute No stitute No continued	. 434	1314 1314L 1320 1321 1322	100 \$ 100 101 101 101	242.00 339.00 22.00 18.00 57.00	$\begin{array}{c} 10 - 2 & 2 \frac{1}{2} \\ 10 - 2 & 2 \frac{1}{2} \\ 100 - 10 & 7 \\ 100 - 10 & 7 \\ 10 - 2 & 1 \end{array}$
FS-6NA FS-6NA4 • S6-Clear FS-12 • 825	102	Superseder 48.00 25.00 43.00	d by FS-85NA d by FS-85NA4 120-50 5 100-10 3 100-10 20	3432LL 433 434 \$441 454	40	110.00 48.00 188.00 15.00 81.00	30- 30- 250- 50-	-10 5 -10 2 -10 2 -25 11 -10 24	1323 1326 1327 1330 ①1339	101 101 101 102 102	19.00 18.00 14.00 22.00 128.00	10- 2 1 100-10 7 50-10 4 30-10 14 30-10 5
®27 FS-40 SP-49 SP-49-I SP-49-4	32a 32a	55.00 72.00 73.00 81.00 94.00	100-10 28 100-10 3 100-10 25 50-10 12 50- 5 25	455 456 457 458 459	94 93 93 93 93	86.00 62.00 69.00 72.00 78.00	100- 100- 100-	-10 27 -10 45 - 5 60 -10 55 - 5 66	(9) 1340 1341 1342 1343 1344	102 101 102 102 102	128.00 35.00 48.00 28.00 34.00	$\begin{array}{c} 30-10 & 5 \\ 30-10 & 4 \\ 30-10 & 1 \% \\ 30-10 & 2 \\ 20-10 & 2 \end{array}$
\$57 \$59 \$60 \$61 \$62	91 91 91 91 91	43.00 46.00 64.00 46.00 36.00	100-10 19 250-25 32 250-25 41 250-25 44 250-25 34	466 492 501 505 648	67 99 86 86 82	532.00 28.00 29.00 48.00 Disc	100- 500-	-50 26 -25 30	1345 1346 1347 1348 1354	102 102 102 102 102 102	14.00 36.00 12.00 12.00 4.00	10- 5 1 10- 5 3 50-10 5 50-10 5 100-10 3
63 FS-64 65 ®73 75	89 91 91 91	144.00 36.00 Disco	20-10 4 d by F\$85-4 20-10 4 250-25 26 ontinued	649 736 829 830 854	82 86 94 94 97	Disc 50.00 213.00 213.00 74.00	24- 24-	-10 2 -10 40 -10 41 -10 30	1361 1362 1363 1367 1372	102 102 102 103 101	22.00 25.00 31.00 7.00 25.00	100-10 25 100-10 33 50-10 18 100-20 ½ 100-25 9
FS-85 FS-85-4 FS-85NA FS-85NA- 112	88a 88a	85.00 85.00 100.00 100.00 31.00	50-10 2 50-10 3 50-10 3 50-10 3 25- 5 2	856 858 859 860 926	97 97 97 94 94	74.00 74.00 36.00 147.00 47.00	100- 100- 24-	-10 29' -10 30 -10 18 -10 36 -10 27	1375 ①1376 ①1377 1391 1393	102	94.00 128.00 128.00 44.00 56.00	30-10 3 30-10 7 30-10 7 100-10 9 50-10 5
150 151 153 156 157	93 93 93 93 93	30.00 51.00 55.00 58.00 58.00	100-10 11 100-10 13 100-10 14 100-10 36 100-10 21	927 997 998 999 1126	94 94 94 94 54	51.00 69.00 64.00 77.00 79.00	100- 100- 100-	-10 30 -10 35 -10 35 -10 36 -10 11	1394 1394-1 1395 1395-1 1411	105 105 105 105 100	See See	No. 98033 No. 99033 No. 98043 No. 99043 50-10 6
158 159 160 161 162	93 93 93 93 93	63.00 75.00 109.00 62.00 43.00	50-10 26 50- 5 36 100-10 31 100-10 25 100-10 17	1127 1301 1301-1 1302 1302-1	54 105 105 105 105	See See	50- No. 98011 No. 99011 No. 98021 No. 99021	Ī	1411 M C 1411 M C 1411 M O 1411 M O 1412	100 100 100	201.00 121 00 201.00 121.00 123.00	10-22½ 1000-250 10-22½ 1000-250 10-22½
175 \$178 191 198 200		150.00 101.00 77.00 58.00 85.00	100-10 19 250-25 32 100-10 20 100-10 18 100-10 21	1303 1303-1 1304 1304-1 1305	105 105 105 105 105	See See See	No. 98031 No. 99031 No. 98041 No. 99041 No. 98012	<u>.</u> [	1413 1414 1420 1421 1422	100 100 101 101 101	$\begin{array}{c} 90.00 \\ 246.00 \\ 31.00 \\ 21.00 \\ 64.00 \end{array}$	$\begin{array}{c} 30-10 & 3 \\ 10- & 2 & \frac{1}{2} \\ 100-10 & 7 \\ 50-10 & 4 \\ 10- & 2 & 1 \\ \end{array}$
204 207 271 275 310	67 67 76 76 96	95.00 53.00 77.00 79.00 36 00	100-10 18 100-10 13 50-10 6 50-10 5 100-10 22	1305-1 1306 1306-1 1307-1	105 105 105 105 105	See See See	No. 99012 No. 98022 No. 99022 No. 98032 No. 99032		1423 1426 1427 1441 1444	101 101 101 101 102	25.00 23.00 22.00 44.00 41.00	$\begin{array}{cccc} 10-2 & 1 \\ 50-10 & 4 \\ 30-10 & 3 \\ 20-10 & 3 \\ 10-5 & 1 \\ \end{array}$
311 392 (§411 (§413 (§414	96 99 91 91 91	44.00 33.00 14.00 23.00 13.00	100-10 15 100-25 6 250-25 12 100-25 6 250-25 8	1308 1308-I 1309 1309-I 1310	105 105 105 105 105	See See See	No. 98042 No. 99042 No. 98013 No. 98023	2 3 3 3	1445 1467 1475 1491 1493	102 103 102a 100 100	48.00 61.00	$\begin{array}{cccc} 10-5 & 1 \\ 100-20 & \frac{1}{2} \\ 30-10 & 3 \\ 50-10 & 5 \\ 30-10 & 3 \\ \end{array}$
\$415 \$416 \$418 \$419 \$420	91 91 91 91 91	51.00 41.00 58.00	100-25 12 ontinued 50-25 4 50-25 4 50-25 5	1310-1 1311 1311L 1311MC 1311MC	100 100	63.00 146.00 194.00 112.00	100 10- <i>100</i>	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1498 1499 1501 1502 1503	100 100 105 105 105	Sec	1- 1 ½6 1- 1 ½6 e No. 97011 e No. 97021 e No. 97031
421 425 425LL 426 427 <u>(</u> 3427LL		Disc	100-10 19 ontinued ontinued ontinued 30-10 13 30-10 8		100 100 100 100		100 10- 10- 50-	2 2 ½ 0- 250 2 2 ½ 2 2 ½ 10 8 10 8		105 105 105 105 105 105	Dis Dis Sec Sec	e No. 97041 scontinued scontinued e No. 97012 e No. 97022 e No. 97032

<sup>(§)</sup> Less lamp. (§) Suspended

<sup>®</sup> Subject to Federal Excise Tax at the rate of \$1.23 per 100 net. This tax is not subject to discount.



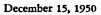
The same of the sa	_											December 15, 1950
Cat. No.	Cat. Page	List Per 100	Pkg. Sid. Car- W gi. Pkg. ion Lbs.	Cat. No.	Cat. Page	List Per 100	Sid. Car- Pkg. ion	Pkg. Wgi. Lbs.	Cat. No.	Cat. Page	List Per 100	Pkg. Std. Car- W gt. Pkg. ton Lbs.
1510	105	See No.		1790 1790 T	80		No. 98512		2232		145.00	50- 5 79
1511 1512	105 105	See No. See No.		1790-I 1791	80 80		No. 99512 No. 98532		2308 2330	72 83	23.00 95.00	100-10 2 50- 5 50
1513	105	See No.		1791-I	80		No. 99532		2332	83	Dis	continued
1514 (\$1630	105	See No. \$33.00		1792 1792-I	80 80		No. 98543 No. 99543		2355 2356	75 75	546.00 546.00	25- 2 31
\$1632	92 92	39.00	250-25 10 100-25 14	1792-1	80		No. 98121		©2502	92	51.00	10- 2 12 100-25 7
<b>®</b> 1634	92	25.00	250-25 13	1793-1	80 80		No. 99121		\$2609	98	108.00 87.00	100-25 10
\$1637 \$1638	92 92	85.00 65.00	250-25 49 250-25 39	1794 1794-I	80		No. 98181 No. 99181		\$2611 \$2618@	98 90	73.00	100-25 8 250-25 52
<u>\$1639</u>	92	101.00	250-25 45	1801	80	See	No. 97071		\$2620 ①	90	72.00	250-25 50
1650 1651	99 99	8.00 7.00	200-40 ½ 200-40 ½	1802 1803	80 80		No. 97072 No. 97073		<u>\$2632 ()</u>   <u>\$2634 ()</u>	90 90	81.00 64.00	250-25 50
1671A	104	See No.		1804	80		No. 97074		\$2635 ()	90	53.00	250-25 54 250-25 45
1671B	104	See No.	. 96021	1805	80		No. 97075		<u>\$2664 (1)</u>	90	54.00	250-25 56
1671C 1671G	104 104	See No. See No.		1806 1807	80 80		No. 97076 No. 97091		\$2666 (1) \$2667 (1)	90 90	53.00 45.00	250-25 50
1671J	104	Discont		1808	80		No. 97101		\$2669 ①	90	43.00	250-25 46 250-25 41
1671R	104	Discont Discont		1809 1810	80 80		No. 97102 No. 97512		2900 2900	88	21.00 19.95	100-10 5
1671 V 1672-2A	104	See No.		1811	80		No. 97532		2901	88 88	22.00	1000- 50 100-10 5
1672-2B		See No.		1812	80		No. 97543		2901	88	20.90	1000-10 3
1672-2C 1672-2C		See No. See No.		1813 1814	80 80		No. 97121 No. 97181		2902 2902	88	28.00 26.60	100-10 2
1672-2J		Discont		1815D		\$63.00	100-1	0 20	2903	88 88	30.00	1000- 20 100-10 2
1673-3A	104	See No.	. 96013	1835D	71	86.00	50-1		2903	88	28.50	1000- 20
1673-3B 1673-3C		See No. See No.		1844D 1905	71 94	242.00 77.00	10- 100-1		2904 2904	89 89	79.00 75.00	100-10 22 1000- 220
1673-3G		See No.		1906	94	77.00	100-1		2905	89	79.00	100-10 22
1673-3J		Discont		1915D	71	67.00	50-1		2905	89	75.00	1000- 220
1771A 1771B	104 104	See No. See No.		1917 1918	83 83	79.00 182.00	50- 5 50- 2		2910 2911	87 87	29.00 32.00	200-50 8 200-50 8
1771 C	104	See No.		1919	83	145.00	50- 1	72	2912	87	14.00	200-50 2
1771G 1771J	104 104	See No. Discont		1920 1922		278.00 242.00	50- 1 25- 1		2913 2914	87 87	15.00 29.00	200-50 2 200-50 6
1771R	104	Discont		1923		327.00	25- 1		2915	87	34.00	200-50 6
1771 V	104	Discont	tinued	1924	83	109.00	50- 5	63	2916	87	41.00	200-50 7
1772-2A 1772-2B		See No. See No.		1926 1927		182.00 472.00	50- 1 50- 1		2917 2923	87 72	44.00 240.00	200-50 7 30-10 20
1772-20		See No.		1928		327.00	50- 1		2923L	72	345.00	30-10 20
1772-20		See No.		1929	82	56.00	50- 5		2924	72	343.00	10-26
1772-2J 1773-3A		Discont See No.		1930   1931	82 82	89.00 189.00	50- 2 50- 1		2924L 2925	72 72	444.00 299.00	10- 2 6 10- 2 6
1773-3B	104	See No.	. 94023	1932	82	496.00	50- 1	137	2925L	72	406.00	10-26
1773-3C		See No.		1933		293.00	50- 1		2926	72	846.00	10-24
1773-3G 1773-3J		See No Discont		1934 1935D	82 71	484.00 90.00	25- 1 30-10		2926L 2930	72 87	946.00 28.00	10- 2 4 200-50 8
1781	80	See No.	. 98071	1937	82	77.00	50- 1	59	2931	87	33.00	200-50 8
1781-I 1782	80 80	See No. See No.		1938 1939	82 82	117.00 216.00	50- 1 50- 1		2932 2933	87 87	19.00 20.00	200-50 5 200-50 5
1782-1	80	See No.		1940	_	366.00	50- 1		2934	87	52.00	200-50 5
1783	80	See No.	. 98073	1941	82	306.00	50- 1	129	2935	87	55.00	200-50 5
1783-I 1784	80 80	See No. See No.		1942 1943		545.00  331.00	25- 1 10- 1		293 <b>6</b> 2936	87 87	15.00 13.00	100-10 6 1000- 60
1784-I	80	See No.		1944 D		246.00	10- 2	4	2937	87	17.00	100-10 6
1785	80	See No.		1996		484.00	25- 1	117	2937	87	14.00	1000- 60
1785-I 1786	80 80	See No. See No.		1997 1998		666.00 726.00	25- 1 10- 1		2938 2938	88 88	21.00 19.95	100-10 6 1000- 60
1786-I	80	See No.	. 99076	2022	75	493.00	25- 5	14	2939	88	23.00	100-10 6
1787	80	See No.		2023		493.00	10- 2		2939	88	21.85 33.00	1000- 60
1787-1 1788	80 80	See No. See No.		2035 2110	75 83	92.00 46.00	25- 100-1		2942 2942	87 87	28.00	100-10 10 1000- 100
1788-I	80	See No.	. 99101	2220 2221	83	75.00	100-1	0 61	2943	87	35.00	100-10 10
1789 1789-1	80 80	See No. See No.	99102	2222	83 83	85.00 121.00	50 50	5 67	2943 2947	87 87	29.00 15.00	1000 100 100-10 5
								·	· · · · · · · · · · · · · · · · · · ·			

<sup>1</sup> Bright Dipped only. (8) Suspended.



Cal. No.	List Cat. Per Page 100	Pkg. Sid. Car- W gi. Pkg. ion Lbs.	Cat. No.	List Cat. Per Page 100	Pkg. Std. Car- W gi. Pkg. ton Lbs.	Cat. No.	Cat. Page	List Per 100	Pkg. Std. Car- W gi. Pkg. ton Lbs.
2947 <b>2948</b>	87 <i>\$14.25</i> 87 Disco	1000- 50 ontinued	4016 ©4026	97 \$121.00 94 69.00	100-10 65 50-10 40	5264 5265		\$86.00 86.00	50-10 8 50-10 8
2954 2954	89 <b>44.00</b> 89 <i>41.80</i>	50-10 6 1000- 120	4036 (\$)4046	95 39.00 94 75.00	100-10 25 50-10 60	5266 5267	52c	86.00 86.00	50-10 7 50-10 7
2957	88 21.00	100-10 6	4063	95 36.00	100-10 22	5268	52c	105.00	50-10 8
2957 <b>295</b> 8	88 19.95 88 <b>23.00</b>	1000- 60 100-10 6	4070 4100	94 48.00 93 165.00	250-10 28 50-10 44	5269 5270	52c	133.00 133.00	50-10 10 50-10 10
2958 <b>2959</b>	88 <i>21.85</i> 89 <b>76.00</b>	1000- 60 50-10 10	4104 4109	93 <b>262.00</b> 95 <b>44.00</b>	50-10 59 100-10 27	5271 5273	<b>52</b> d	182.00 85.00	50-10 20 50-10 6
2959 2960	89 72.20 89 <b>75.00</b>	1000- 200 50-10 10	4112	95 <b>33.00</b> 95 <b>39.00</b>	250-25 51 250-25 64	5273-L 5274		91.00 51.00	50-10 7 50-10 6
2960 <b>2963</b>	89 71.25 89 <b>43.00</b>	1000- 200 50-10 6	4114 4118	95 41.00 95 40.00	250-25 73 250-25 71	5275 5276	52c		50-10 6 50-10 8
2963 <b>2964</b>	89 <i>40.85</i> 89 <b>32.00</b>	1000- 120 50-10 4	4185 4185-1	67 84.00 67 97.00	10- 2 2 10- 2 2	5277 5281	52c	62.00 188.00	50-10 8 50-10 22
2964	89 30.40	1000- 80	4188	67 161.00	10-24	5282	- <b>5</b> 2b	254.00	50-10 24
2971 2971L	72 <b>197.00</b> 72 <b>295.00</b>	30-10 20 30-10 20	4188-I 4189	67 177.00 67 141.00	10- 2 4 10- 2 3	5284 ②5380	52d	$129.00 \\ 3.00$	50-10 11 1000-200 3
2972 2972L	72 <b>2</b> 55.00 72 <b>3</b> 55.00	10-2 6 10-2 6	4189-1 4190	67 150.00 67 21.00	10-23 10-2½	②5381 ②5382	99	7.00 13.00	1000-200 10 1000-250 18
2973 2973L	72 223.00 72 323.00	10-2 6 10-2 6	4190-I 4193	67 <b>26.00</b> 67 <b>63.00</b>	10-2 ½ 10-2 1½	5420	45	29.00 94.00	100-10 6 ½ 30- 6 9
2974 2974L	72 634.00	10-24	4193-I 4229	67 70.00 96 48.00	10- 2 1 ½ 10- 2 1 ½ 100-10 33	5429 5429P		116.00	30-69
<u>\$3135</u>	72 735.00 97 116.00	10- 2 4 50-10 16	D 4307	85 10.00	50-10 2	5432 5440	85 85	97.00 94.00	50-10 20 50-10 22
\$3136 \$3137	97 <b>116.00</b> 97 <b>52.00</b>	50-10 16 50-10 3	4401 4401L	72 84.00 72 177.00	100-10 32 100-10 32	5441 5442		$118.00 \\ 142.00$	50-10 29 50-10 41
3190 3191	95 <b>212.00</b> 95 <b>160.00</b>	10- 2 5 10- 2 4	4402 4402L	72 169.00 72 266.00	50-10 19 50-10 19	5523 5547	45 34	$63.00 \\ 63.00$	100-10 9 1/2
3193	95 172.00	10-24	4403	72 111.00	50-10 18	5548	78	See	No. 96091
3194 ②3320	95 <b>158.00</b> 99 <b>36.00</b>	10-2 4 250-50 8	4403L 4404	72 198.00 72 468.00	50-10 18 10- 2 5	5549 5552		147.00	No. 96092 30-10 11
②3321 3394	99 <b>51.00</b> 98 <b>32.00</b>	250-50 10 250-25 28	4404L 4405	72 549.00 72 24.00	10-2 5 100-20 1	5552B 5553	48	147.00 113.00	30-10 7 30-10 6
<u> </u>	99 <b>37.00</b> 95 <b>124.00</b>	250-50 10 50- 2 41	4431	74 78.00 74 88.00	50-10 26 50-10 26	<u>\$5564</u> <u>\$5564 P</u>		208.00 230.00	30- 6 19 30- 6 19
<b>®3583</b> <b>®3587</b>	99 <b>55.00</b> 99 <b>92.00</b>	250-25 28 250-25 28	4442 4443	74 50.00 74 50.00	50-10 10 50-10 10	5566 5566B	49	85.00 85.00	30-10 11 30-10 7
©3588 3589	99 46.00	250-25 33 ontinued	4444 4445	74 62.00 74 62.00	50-10 10 50-10 10	5567 \$5571	48	106.00 220.00	30-10 5 30- 6 21
<u>\$3590</u>	99 35.00	250-25 23	4451	74 86.00	50-10 34	\$5571P	84	242.00	30- 6 21
\$3591 \$3592	99 <b>48.00</b> 99 <b>44.00</b>	250-25 23 250-25 23	4453 4585		50-10 30 ntinued	5574 5612	45 45	59.00 53.00	50-10 8 100-10 11
3593 3594	97 <b>57.00</b> 97 <b>40.00</b>	100-10 22 5- 2 1	4586 4856	96 Disco 46 <b>91.00</b>	ntinued 50-10 10	5614 5617	36 37	48.00 75.00	50-10 8 50-10 18
3595 3596	97 69.00 97 233.00	100-10 25 100-10 35	4891 4892	46 <b>73.00</b> 20 <b>81.00</b>	50-10 9 50-10 4	5618 5619	37 37	75.00 75.00	50-10 18 50-10 18
3597 3598	97 178.00 97 210.00	100-10 19 100-10 42	4893 4895	20 101.00 20 58.00	20-10 3 50-10 4	5620 5621	37	89.00 124.00	50-10 16 30-10 14
3599	97 213.00	100-10 54	4896	46 85.00	50-10 9	5623	50	138.00	30-10 15
\$3922 \$3923	94 <b>31.00</b> 94 <b>37.00</b>	100-10 55 50- 5 40	4897 4898	46 <b>73.00</b> 46 <b>87.00</b>	50-10 9 50-10 9	5624 5635	37 85		50-10 13 ontinued
②3946 ②3947	99 <b>15.00</b> 99 <b>15.00</b>	250-50 5 50-10 1	4925 4929	83 <b>266.00</b> 82 <b>58.00</b>	50-1 155 50- 5 25	5685 5686	85 98	51.00	ontinued 100-25 5
3965 3969	98 <b>145.00</b> 98 <b>48.00</b>	100-10 20 250-25 35	4930	82 117.00 82 1113.00	50- 2 65 10- 1 73	5700 5730	45 85	116.00	50-10 9 ontinued
\$3980 \$3981	92 <b>36.00</b> 92 <b>41.00</b>	100-10 5	4937 4938	82 89.00 82 182.00	50-1 66 50-1 106	5731	85	Disc	ontinued
<b>©3982</b>	92 <b>28.00</b>	100-10 3	5020BC	73 289.00	30-10 22	\$5753 5757		94.00 125.00	100-25 9 30-10 12
<u>\$3983</u> <u>\$3984</u>	92 87.00	100-10 7 100-10 20	5026BC 5260	73 296.00 52e 380.00	30-10 25 10- 2 6	<u>\$5793</u> 5819	98 98	97.00 51.00	50-10 5 100-25 7
\$3986 \$3987	92 <b>65.00</b> 92 <b>85.00</b>	100-10 17 100-10 17	5261 526 <b>2</b>	52b167.00 52b232.00	50-10 11 50-10 13	5826 5828	36 99	142.00 63.00	50-10 16 100-25 7
<b>§3988</b> 4003	92 <b>102.00</b> 95 <b>46.00</b>	100-10 19 100-10 28	5262-1 5263	52b244.00 52c 50.00	50-10 13 50-10 5	5829 5885	99	63.00 100.00	100-25 8 30-10 1
4006 4013	97 112.00 96 <b>55.00</b>	100-10 55 100-10 38	5263-I	52c 55.00	50-10 5	5887		112.00	30-10 12
		200 10 00						27.7 A	Mark of M

<sup>3</sup> Bulk Pack. (8) Suspended.





US FATOR											December 15, 1950
Cat. No.	List Cat. Per Page 100	Pkg. Std. Car- Wgt. Pkg. ton Lbs.	Cat. No.	Cat. Page	List Per 100	Sid. Car-W Pkg. ton I	kg. Tgt.	Cat. No.	Cat. Page		Pkg. Std. Car- W gt. Pkg. ton Lbs.
5896 5897 5917	46 \$34.00 65 64.00 41 26.00	50-10 4 50-10 8 250-10 20	6760 6761 6762	85	105.00 131.00 155.00	50-10 50-10 50-10	38	7070 7071 7072		\$466.00 231.00 182.00	5-27 5-23 5-22
②5919 5957	99 <b>14.00</b> 99 <b>63.00</b>	250-10 20 250-50 5 100-25 7	6764 6771	85 1 41 65	23.00 61.00	250-10 20-10		7080 7082	45 57	59.00 142.00	50-10 8 50-10 13
5958 5964	99 63.00 41 20.00	100-25 8 250-10 19	6772 6796	65 46	55.00 36.00	20-10 50-10	3 4	7084 7086	45 48	92.00 155.00	50-10 11 30-10 10
6042 6047 6051	54 94.00 54 117.00 52 167.00	50-10 13 50-10 22 50-10 18	6808 6810 6814	47 52aa 3	73.00 185.00 20.00	50-10 30-10 100-20		7088 7089 7091	57 55 48	220.00 149.00 136.00	20-10 9 20-10 9 30-10 9
6054 6058	98 <b>39.00</b> 56 <b>125.00</b>	250-25 40 30-10 6	6822 6823	46 46	62.00 31.00	50-10 50-10	7 4	7092 7101	48 14	99.00 116.00	30-10 5 30-10 9
6059 \$6094 \$6094P	54 150.00 84 208.00 84 230.00	30-10 16 30- 6 20 30- 6 20	6827 6835 6836	41 78 78		250-10 No. 94091 No. 94092	24	7102 7105 7108	13 79 79		30-10 5 No. 94532 No. 96532
6101 6108	65 Disco	ontinued ontinued	6837 6840	78 78	See 1	No. 94093 No. 96093		7112 7113	59	629.00 222.00	5- 2 8 5- 2 5
6109 6118 6149	65 Disco 46 48.00 57 50.00	ontinued 50-10 8 50-10 5	6854 6855 6856	78 78 78	Sec 1	No. 94101 No. 94102 No. 94103		7114 \$7115 \$7116		182.00 212.00 212.00	$   \begin{array}{cccc}     5 - 2 & 2 \\     5 - 2 & 3 \\     5 - 2 & 3   \end{array} $
6150 6156	56 83.00 48 117.00	50-10 6 30-10 6	6859 6878	78 98	See 1 41.00	No. 96103 250-25		7127 7132	51 43	278.00 173.00	5-2 4 30-10 7
6181 6257 6258	47 26.00 33 75.00 78 See N	50-10 3 100-10 26 50. 96101	6900 6904 6905	66 3 79 79		5- 2 No. 94181 No. 94182	12	7135 7136 7137	34 34 32	53.00 59.00 68.00	100-10 40 50- 5 23 50- 5 26
6259 6278	78 See N 49, 50a 105.00	Vo. 96102 30-10 8	6906 6910	79 79	See	No. 94183 No. 96181		7162 7169	43 86	83.00 4.00	30-10 5 100-20 1/4
6279 \$6282 \$6283	49, 50a 56.00 34 145.00 34 164.00	30-10 4 50-10 15 50-10 24	6911 6912 6918	79 79 46		ontinued ontinued 50-10	6	7170 7183 7184	86 43 43	22.00 56.00 56.00	5- 2 1/4 50-10 7 50-10 8
6290 6293	66 162.00 37 131.00	10- 2 8 30-10 9	6959 6960	79 79	See I See I	No. 94121 No. 94122		7185 7187	43 45	67.00 92.00	50-10 8 50-10 11
6298 6337 6339	66 120.00 45 53.00 66 110.00	50-10 19 100-10 15 50-10 17	6961 6964 6965	79 79 79	See	No. 94123 No. 96121 No. 96122		7189 7191 7196	52 14 43	167.00 58.00 73.00	50-10 19 30-10 4 50-10 4
6409 6419	57 <b>105.00</b> 54a Disc	50-10 12 continued	6966 6979	79 47	See 1 47.00	No. 96123 50-10		7198 7208	56 53	94.00 254.00	30-10 6 30- 5 21
©6548 ©6548P ©6550	84 220.00 84 242.00 84 208.00	30- 6 20 30- 6 20 30- 6 18	6981 7001 7002	50 1 41 41	110.00 17.00 13.00	30-10 500-25 500-25	40	7209 7210 7210B	86 13 13	11.00 87.00 87.00	100-10 1 50-10 12 50-10 10
©6550P ©6551	84 230.00 84 220.00	30- 6 18 30- 6 18	7010 7020	66	91.00 133.00	10- 2 50-10	4	7213 7213-I	86 86	6.00 7.00	100-20 ½ 100-20 ½
©6551P ②6561 ②6562	84 <b>242.00</b> 99 <b>32.00</b> 99 <b>45.00</b>	30- 6 18 250-50 10 250-50 15	7021 7024 7027	47 47 37	36.00 31.00 75.00	50-10 50-10 50-10	3 3 16	7214 7215 7216	52	129.00 129.00 101.00	30-10 5 30-10 7 50-10 25
②6563 6630	99 <b>6.00</b> 47 <b>47.00</b>	1000-200′ 10 50-10 5	7029 7035	65 66	85.00 91.00	50-10 10- 2	7 4	7216B 7217	13	101.00 109.00	50-10 20 30- 5 17
6631 6633 6634	47 31.00 86 30.00 86 41.00	50-10 3 200-25 13 100-10 15	7040 7042 7051		See 1 51.00 232.00	No. 94572 100-25 30-10		7217B 7224 7228	14	109.00 116.00 101.00	30- 5 15 30-10 9 30-10 5
6635 6671	86 <b>73.00</b> 41 <b>40.00</b>	100-10 23 100-10 9	7051-I 7052	53 ; 55	244.00 79.00	30-10 30-10	6	7238 7240			30-10 5 30-10 8
6672 6708 6711	50 56.00 41 <b>20.00</b> 66 <b>133.00</b>	30-10 8 250-10 20 20-10 8	7052L 7053 7054	53	85.00 220.00 220.00	30-10 30-10 30-10	12	7241 7250 7251	48 58a 58	99.00 230.00 178.00	30-10 5 20-10 8 20-10 6
6717 6720	49 145.00 48 75.00	30-10 10 30-10 5	7055 7056	55 43	86.00 56.00	50-10 50-10	8 7	7252 7255	56 36	50.00 48.00	50-10 6 50-10 7
6730 ②6733 6734	48 <b>63.00</b> 99 <b>7.00</b> 54 <b>129.00</b>	30-10 4 1000-200′10 30-10 10	7057 7058 7059	43 48 43	56.00 117.00 67.00	50-10 30-10 50-10	7 8 7	7257 7259 7260	47 47 32	80.00 80.00 62.00	50-10 8 50-10 8 50-10 21
②6735 6736	99 <b>12.00</b> 65 <b>Disc</b> o	100-20′ 3 ontinued	7062 7063	13 13	58.00 67.00	50-10 50-10	7 7	7270 7271	49 49	99.00 110.00	30-10 18 30- 5 20
673 <b>7</b> 6749 6752		ontinued No. 96572 50-10 35	7064 7066 7068	53 ; 41 41	220.00 20.00 20.00	30-10 500-25 500-25	28	7272 7273 7275	49	158.00 165.00 188.00	30-10 18 30- 5 20 50- 5 30
(2) Bulk											

<sup>3</sup> Bulk pack. Suspended.



December	13, 1930							was tire.
Cat. No.	List Cat. Per Page 100	Pkg. Std. Car- Wgt. Pkg. ton l.bs.	Cat. No.	List Cat. Per Page 100	Pkg. Std. Car- Wgt. Pkg. ton Lhs.	Cat. No.	List Cat, Per Page 100	Pkg. Std. Car-Wgt. Pkg. ton l.hs.
7276 7277	52aa \$200.00 52aa 206.00	30-10 18 30 5 24	7410 7410B	17 \$274.00 17 274.00	20-10 9 20-10 7	7495 7496	21 \$58.00 21 58.00 21 58.00	30-10 4 30-10 5 30-10 5
7279 7283 7285	58a 242.00 57 563.00 57 218.00	20- 5 13 5- 2 8 5- 2 4	7411 7413 7415	17 218.00 17 303.00 18 101.00	20-10 8 20-10 11 20-10 7	7497 7498 7499	8 81.00 21 58.00	50-10 5 50-10 7 30-10 5
7286	43 99.00	30-10 5	7417	17 288.00	15- 5 10	7502	15 <b>3</b> 00.00	10 -5 5
7298	86 <b>50.00</b>	30-10 2	7417B	17 288.00	15- 5 10	7503	8 <b>7</b> 3.00	50-10 6
7301	64 938.00	5- 2 10	7418	13 194.00	30-10 25	7504	8 51.00	50-10 6
7302	64 515.00	5- 2 10	7419	13 133.00	30-10 20	7505	8 51.00	50-10 6
7303	64 466.00	5- 2 8	7420	18a 303.00	20-10 11	7506	8 87.00	50-10 7
7308	57 142.00	50-10 8	7421	17 92.00	20-10 6	7507	8 58.00	50-10 6
7309	55 86.00	50-10 8	7422	17 300.00	10- 5 5	7508	8 67.00	50-10 6
7310	15 218.00	30-10 11	7425	68b 303 .00	20-10 11	7509	21 101.00	20-10 4
7310B	15 218.00	30-10 9	7426	17 242.00	20-10 9	7510	21 58.00	30-10 5
7311	15 157.00	30-10 8	7427	5 67.00	50-10 3	7511	21 58.00	30-10 4
7313	15 242.00	30-10 11	7428	5 37.00	50-10 1½	7512	59 726.00	5- 2 8
7318	16 73.00	30-10 6	7429	5 43.00	50-10 1½	7513	59 266.00	5- 2 5
7327	16 151.00	30-10 13	7430	46 33.00	50-10 7	7514	59 242.00	5- 2 4
7328	16 273.00	30-10 10	7431	46 13.00	500-25 18	7517	15 242.00	20- 5 13
7329	16 188.00	30-10 10	7434	21, 22b 58.00	30-10 5	7517B	15 242.00	20- 5 10
7331	36 48.00	50-10 8	7435	21 101.00	20-10 4	7520	59 266.00	5-2 6
7332	36 81.00	50-10 12	7436	51 218.00	30- 5 15	7521	21 58.00	30-10 5
7333	53 232.00	30- 5 21	7437	51 106.00	30- 5 20	7522	21 81.00	30-10 5
7334	53 232.00	30- 5 21	7438	51 198.00	30-10 16	7523	9 92.00	50-10 6
7335	53 232.00	30- 5 21	7439	51 53.00	30-10 6	7524	9 111.00	50-10 6
7336	19 718.00	5- 2 7	7440	21 58.00	30-10 3	7526	9 107.00	50-10 7
7337	19 718.00	5- 2 7	7441	70 61.00	50-10 21	7527	9 118.00	50-10 7
7338	19 757.00	5- 2 7	7442	21 58.00	30-10 5	7528	9 122.00	50-10 8
7339	19 575.00	5- 2 5	7443	70 73.00	50-10 21	7529	20 69.00	20-10 3
7340	19 575.00	5- 2 5	7444	70 62.00	50-10 18	7530	21 81.00	30-10 6 1/2
@7341	86 4.00	100-20 ½	7445	70 73.00	50-10 25	7531	21 81.00	30-10 5 ½
7342	19 612.00	5- 2 5	7446	21 58.00	30-10 4	7532	20 69.00	20-10 3
7343	19 718.00	5- 2 7	7447	21 58.00	30-10 5	7533	20 69.00	20-10 3
7344	19 718.00	5- 2 7	\$7448	70 53.00	50-10 8	7534	20 81.00	20-10 3
7345	19 757.00	5- 2 7	7451	70 67.00	50-10 25	7535	8 81.00	50-10 8
7346	19 575.00	5- 2 5	7453	70 79.90	50-10 25	7536	8 95.00	30-10 10
7347	19 575.00	5- 2 5	7454	97 35.00	100-10 13	7537	8 101.00	30- 5 12
7348	19 612 00	5-2 5	7455	9 182.00	30-10 13	7538	9 167.00	50-10 14
7351	58 278.00	20-10 10	7456	9 182.00	30-10 13	7539	9 167.00	50-10 14
7354	15 188.00	30-10 9	7457	9 188.00	30-10 15	7540	9 145.00	50-10 14
7357	47 53.00	50-10 8	7458	9 188.00	30-10 15	7541	21 101.00	20-10 4
7358	19 <b>7</b> 57.00	5- 2 7	7459	21 58.00	30-10 5	7542	8 65.00	50-10 7
7359	19 612.00	5-2 5	7461	5 58.00	50-10 2½	7543	9 153.00	50-10 25
7368	55 112.00	50-10 9	7462	5 29.00	50-10 1¼	7544	9 167.00	30- 5 15
7380	18 575.00	5-2 3	7464	5 67.00	50-10 3	7545	8 78.00	50-10 6
7381	18 575.00	5-23	7465	5 37.00	50-10 1½	7546	8 78.00	50-10 6
7382	18 194.00	5-251/2	7466	5 76.00	50-10 3	7547	8 95.00	50-10 6
7383	18 133.00	5-23	7467	5 92.00	50-10 3	7548	8 95.00	50-10 6
7384	19 718.00	5-27	7468	5 92.09	50-10 3	7549	8 65.00	50-10 7
7385	19 718.00	5-27	7470	21 58.00	30-10 3	7550	34 41.00	100-10 18
7386	19 757.00	5-2 7	7471	5 98.00	50-10 3 ½	7554	10 101.00	50-10 6
7387	19 575.00	5-2 5	7472	5 107.00	50-10 4	7555	10 173.00	50-10 8
7388	19 575.00	5- 2 5	7473	5 116.00	50-10 6	7556	10 130.00	50-10 5
7389	19 612.00	5- 2 5	7474	5 105.00	50-10 4	7557	10 144.00	50-10 7
7390	19 718.00	5- 2 7	7477	5 35.00	50-10 1 1/4	7558	10 101.00	50-10 6
7391	19 718.00	5-2 7	7479	5 43.00	50-10 1½	7559	10 173.00	50-10 8
7392	19 757.00	5-2 7	7481	6 113.00	50-10 2½	7564	10 58.00	30-10 3
7393	19 575.00	5- 2 5	7482	6 76.00	50-10 1 1/4	7567	10 120.00	50-10 6
7394	19 575.00	5- 2 5	7484	6 121.00	50-10 3	7568	10 120.00	50-10 6
7395	19 612.00	5- 2 5	7485	6 84.00	50-10 1 1/4	7569	21 58.00	30-10 5
7396	19 718.00	5- 2 7	7486	6 107.00	50-10 3	7572	10 109.00	50-10 6
7397	19 718.00	5- 2 7	7487	6 130.00	50-10 3	7573	10 109.00	50-10 6
7398	19 575.00	5- 2 5	7488	6 144.00	50-10 3 ½	7574	21 58.00	30-10 5 ½
7399	19 575.00	5- 2 5	7489	6 157.00	50-10 4	7580	11 273.00	50-10 11
7408	18 157.00	20-10 10	7490	21 58.00	30-10 3	7581	11 303.00	30- 5 15
7409	18 331.00	20-10 9						

<sup>(§)</sup> For Special length plate screws, prices on application. (§) Suspended.



WILL FOR									December 15,	1930
Cat. No.	List Cat. Per Page 100	Pkg. Std. Car- Wgt. Pkg. ton Lbs.	Cat. No.	List Cat. Per Page 100	Pkg. Sid. Car- Wgi. Pkg. ion Lbs.	Cat. No.	Cat. Page	List Per 100	Std. Car- Pkg. ton	Pkg. Wgt. Lhs.
7582 7583 7584	11 \$188.00 11 201.00	50-10 9 30-10 11	7728 7729	38 \$303.00 38 105.00	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	8112 8121	71	266.00 154.00	100-10 50-10 10- 2	20
758 <b>6</b> 7588	11 216.00 11 188.00 8 75.00	30- 5 13 50-10 9 50-10 7	7730 7731 7732	52 168.00 52 185.00 52 189.00	50-10 18 50-10 20 50- 5 30	8122 8123 8124	71	231.00 188.00 516.00	20-10 20-10 10- 2	10
7589 7590	8 75.00 34 41.00	50-10 7 100-10 20	7733 \$\frac{7739}{}	52 129.00 39 439.00	30-10 7 10- 2 8	8132 8153	73	253.00 319.00	10- 2 50-10	. 20
7590-1 7607 7608	34 48.00 52 182.00 44b 81.00	50-10 11 50-10 20 50-10 6	\$7759 \$7766 7772	39 439.00 79 194.00 65 55.00	10-2 7 30-5 6 20-10 4	8162 8171 8173	73	266.00 107.00 160.00	100-10 100-10 100-10	37
7609 7610	44b 97.00 44b 103.00	50-10 8 50-10 8	7790 7791	38 312.00 38 364.00	10- 2 7 10- 2 7	8191 8193	73 73	107.00 160 00	100-10 100-10	37
7611 7612 7614	44a 74.00 14 107.00 44a 74.00	50-10 10 100-10 18 50-10 10	7792 7793 7794	38 266.00 38 69.00 38 329.00	10-2 7 10-2 1 10-2 7	8233 8291 8292	78	319.00 69.00 138.00	50-10 100-10 50- 5	30
7617 7624	21 58.00 14 87.00	30-10 5 50-10 14	7797 ⑤7798	40 330.00 40 376.00	10- 2 8 10- 2 8	8293 8294	78 78	Disc Disc	ontinued ontinued	
7626 7626-1 7642	33 75.00 33 84.00 8 95.00	100-10 24 50-10 13 50-10 8	7801 7802 7803	69 101.00 69 158.00 69 125.00	100-10 38 50-10 19 50-10 20	8421 8431 8511		133 00 133.00 See	100-10 100-10 <b>No. 94081</b>	
7645 7646	12 139.00 12 139.00	50-10 7 50-10 7	7804 7805	69 435.00 69 171.00	10- 2 5 10- 2 5	8512 8513	78 78	See	No. 94082 No. 94083	
7647 7648 7650BC	12 139.00 20 69.00 73 277.00	50-10 7 20-10 3 30-10 18	7808 7810 7842	54 116.00 54 53.00 69 227.00	50-10 8 50-10 8 20-10 14	8514 8515 8516	78 78 78	Disc	ontinued ontinued ontinued	
7652BC 7653BC	73 347.00 73 347.00	10- 2 6 10- 2 8	7900 7901	66 333.00 68 160.00	10-2 6 50-10 14	8517 8518	78 78	Disc	ontinued ontinued	-
7661 7662 7663	70 99.00 70 110.00 70 112.00	50-10 10 50-10 12 50-10 10	7902 7903 7904	68 234.00 68 188.00 68 506.00	$ \begin{array}{cccc} 10 & -2 & 3 \\ 20-10 & 6 \\ 10-2 & 4 \end{array} $	8551 8552 8553	78 78 78	See	No. 96081 No. 96082 No. 96083	
7664 7666	70 122.00 53 220.00	50-10 12 30-10 12	7905 7906	68 234.00 68 265.00	20-10 8 10- 2 4	8554 8555	78 78 78	Disc	ontinued ontinued	MANAGE*
7667 7670 7671	53 232.00 16 418.00 16 418.00	30-5 21 30-10 7 30-10 7	7914 7915 7916	63 <b>341.00</b> 63 <b>297.00</b> 63 <b>532.00</b>	10- 2 21 10- 2 21 10- 2 24	8556 8557 8558	78 78 78	Disc	ontinued ontinued ontinued	
7672 7673	16 418.00 16 418.00	30-10 7 30-10 7	®7933 ®7934	63 275.00 63 308.00	10- 2 20 10- 2 25	8650 8651	75 78	91.00	50-10 ontinued	4
7674 7680 7681	16 418.00 12 238.00 12 266.00	30-10 7 30-10 12 30- 5 21	7941 7942 ⑤7953	46a 31.00 46a 36.00 39 439.00	50-10 4 50-10 4 10- 2 12	8652 8653 8654	78 78 78	Disc	ontinued ontinued ontinued	
7682 7683	12 238.00 12 266.00	30-10 12 30- 5 21	7954 ⑤7956	39 439.00 39 439.00	10- 2 12 10- 2 12	8656 8657	75 75	109.00 113.00	50-10 50-10	
7684 7685 7686	12 238.00 12 266.00 12 238.00	30-10 12 30- 5 21 30-10 12	7957 7958 7960	39 439.00 18 549.00 18 515.00	10- 2 12 5- 2 5 5- 2 5	8658 8659 8660	75	128.00 120.00 154.00	50-10 50-10 50-10	4
7687 7690	12 266.00 7 323.00	30- 5 21 50-10 12	7961 7974	18 515.00 63 387.00	5- 2 5 10- 2 7	8745 8746	75	97.00 120.00	50-10 50-10	4
7691 7692 7693	7 347.00 7 370.00 7 347.00	50-10 12 50-10 12 50-10 12	7975 7977 7979	63 133 00 61 327.00 62c 520 00	10- 2 3 10- 2 12 10- 2 10	8751 8752 8753	78 78 78	See	No. 96071 No. 96072 No. 96073	
7694 7695	7 370.00 7 393.00	50-10 12 50-10 12	7980 7981	65 230.00 73 254.00	10- 2 6 10- 2 7	8754 8755	78 78	See See	No. 96074 No. 96075	<del></del>
7696 7697 7698	8 87.00 8 58.00 8 67.00	50-10 7 50-10 6 50-10 6	7982 7983 7984	73 318.00 73 282.00 73 580.00	10- 2 7 10- 2 7 5- 2 4	8756 8757 8758	78 78 78	See	No. 96076 No. 96077 No. 96078	
7699 7707	7 107.00 40 202.00	50-10 3 10- 2 5	7987 7988	63, 63a 109.00 62c 496.00	10- 2 3 10- 2 10	8771 8772	78 78	See See	No. 94071 No. 94072	
7708 7710 ®7711	40 362.00 38 382.00 38 303.00	10- 2 6 20-10 19 10- 2 7 1/2	7989 7990 7991	61 70.00 61 237.00 73 294.00	10- 2 1 10- 2 14 10- 2 7	8773 8774 8775	78 78 78	See	No. 94073 No. 94074 No. 94075	
7712 ⑤7713	38 198.00 38 105.00	10- 2 4 10- 2 4	7992 7993	73 363.00 73 325.00	10-27 10-27	8776 8777	78 78	See See	No. 94076 No. 94077	
7714 7718 7719	38 382.00 38a 443.00 38a 443.00	20-10 19 20-10 19 20-10 19	7994 8051 8053	73 608.00 76 Discontinued 76 Discontinued	5-24	8778 8801 8801-I	78 69 69	See 1 63.00 67.00	No. 94078 100-10 50-10	
7722	21 58.00	30-10 5	8071	76 Discontinued		8802		119.00	50-10	

<sup>®</sup> Suspended



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Cat. No.	Cat. Per Page 100	Pkg. Std. Car- Wgt. Pkg. ton Lbs.	Cat. No.	List Cat. Per Page 100	Pkg. Std. Car- Wgt. Pkg. ton Lbs.	Cat. No.	List Cat. Per Page 100	Pkg. Std. Car- Wgt. Pkg. ton Lbs.
8802-I 8803 8803-I 8804	69 <b>\$123.00</b> 69 <b>86.00</b> 69 <b>90.00</b> 69 <b>395.00</b>	25-10 10 50-10 19 25-10 10 10- 2 5	9223 9223-I 9224 9225	31 <b>\$196.00</b> 31 <b>224.00</b> 30 <b>73.00</b> 31 <b>303.00</b>	10- 2 5 10- 2 5 100-10 25 10-2 5 ½	9643-I 9690 9690-I 9693	70 \$70.00 35 39.00 35 45.00 35 50.00	50-10 9 100-10 15 50-10 8 100-10 30
8804-I	69 <b>399.00</b>	10-2 5	9238	97 <b>193.00</b>	100-10 21	9694	35 <b>56.00</b>	50- 5 20
8808		30-10 6	9251	58 <b>196.00</b>	20-10 5	9698	35 <b>72.00</b>	50-10 9
8809	14 130.00	30-10 8	9260	33 <b>58.00</b>	100-10 25	9699	35 79.00	50-10 10
8815	14 99.00	30-10 6	9260-I	33 <b>65.00</b>	50-10 12	9701	68 222.00	50-10 12
8816	14 119.00	30-10 6	9261	33 <b>68.00</b>	100-10 20	9702	68 290.00	10- 2 3
8817	14 105.00	30-10 6	9262	33 <b>74.00</b>	50- 5 25	9703	68 254.00	20-10 4
8818	14 <b>125.00</b>	30-10 6	9263	33 <b>89.00</b>	50-10 10	9704	68 564.00	10-2 3
8885	39 <b>318.00</b>	10- 2 8	9264	33 <b>95.00</b>	50-10 10	9705	68 294.00	20-10 8
8886	39 <b>250.00</b>	10- 2 4	9301	60 <b>766.00</b>	10- 2 17	9706	68 325.00	10-2 3
8887 8888	39 <b>318.00</b> 39 <b>250.00</b>	10-2 8 10-2 4	9304 9305	60 Disco	ntinued ntinued	\$9711 \$9711-1	71 109.00 71 121.00	100-10 21 50-10 11
8891	39 <b>300.00</b>	10- 2 8	9306	60 <b>193.00</b>	10- 2 10	\$9712	71 206.00	50-10 14
8892	39 <b>300.00</b>	10- 2 8	9307	60 <b>233.00</b>	10- 2 7	\$9712-I	71 218.00	30-10 9
8894	39 <b>67.00</b>	10- 2 4	9309	60 <b>155.00</b>	10- 2 5	\$9713	71 206.00	50-10 14
8895	39 <b>48.00</b>	10- 2 3	9316	60 <b>133.00</b>	10- 2 6	\$9713-I	71 218.00	30-10 9
8941	69 <b>131.00</b>	50-10 19	9318	60 <b>233.00</b>	10- 2 10	\$9714	71 424.00	10- 2 3
8941-I	69 <b>135.00</b>	10-2 6	9325	62 <b>472.00</b>	10- 2 13	©9714-I	71 <b>436.00</b> 55 <b>86.00</b> 55 <b>86.00</b> 42 <b>52.00</b>	10- 2 3
8942	69 <b>186.00</b>	20-10 13	9326	62 <b>121.00</b>	10- 2 3	9750		50-10 8
8942-I	69 <b>191.00</b>	10-2 7	9327	62 <b>61.00</b>	10- 2 3	9751		50-10 8
8943	69 <b>169.00</b>	10-2 5	9330	74 <b>107.00</b>	100-10 25	9752		50-10 7
8943-I 8961 8962	69 <b>174.00</b> 69 <b>146.00</b> 69 <b>218.00</b>	10-2 5 100-10 34 50-10 19	9331 9335 9336	74 107.00 62a 472.00 62a 121.00	100-10 25 10- 2 13 10- 2 3	9753 9754 9755	42 <b>52.00</b> 42 <b>52.00</b> 42 <b>63.00</b>	50-10 7 50-10 7 50-10 7
8963	69 <b>176.00</b>	50-10 18	9337	62a <b>222.00</b>	10- 2 6	9756	42 <b>52.00</b>	50-10 7
8964	69 <b>495.00</b>	10- 2 4	9338	62a <b>242.00</b>	10- 2 6	9757	42 <b>63.00</b>	50-10 7
8965	69 <b>23.00</b>	100-20 2	9340	62b <b>629.00</b>	5- 1 8	9758	48 <b>112.00</b>	30-10 6
9010	41 13.00	500-25 22	9341	62b <b>537.00</b>	5-1 8	9759	42 77.00	50-10 7
9013	41 17.00	500-25 18	9342	62b <b>218.00</b>	5-1 4	9760	42 94.00	50-10 7
9014	41 15.00	100-10 6	9343	62b <b>242.00</b>	10-2 7	9763	13 86.00	30-10 5
9051	52 167.00	50-10 20	9357	47 <b>64.00</b>	50-10 8	9764	13 102.00	30-10 5
9052	55 79.00	30-10 6	9402	96 <b>46.00</b>	100-10 38	9765	13 86.00	30-10 5
9052L	55 <b>85.00</b> 74 <b>105.00</b> 74 <b>111.00</b> 74 <b>117.00</b> 74 <b>121.00</b>	30-10 7	9409	56 106.00	50-10 10	9766	13 102.00	30-10 5
9068		50- 5 25	9410	56 118.00	50-10 11	9801	68 118.00	50-10 12
9069		50- 5 30	9411	56 106.00	50-10 10	9801-1	68a 122.00	25-10 7
9070		50- 5 25	9412	56 118.00	50-10 11	9802	68 194.00	10-2 3
9071		50- 5 30	9413	56 62.00	50-10 7	9802-1	68a 198.00	10-2 8
9072	74 73.00	100-10 22	9414	56 <b>62.00</b> 74 <b>80.00</b> 74 <b>94.00</b> 74 <b>80.00</b> 74 <b>94.00</b>	50-10 7	9803	68 144.00	20-10 7
9074	74 100.00	100-10 24	9510		100-10 23	9803-I	68a 149.00	10-2 7
9076	43 85.00	50-10 9	9511		100-10 23	9804	68 464.00	10-2 3
9077	43 85.00	50-10 9	9512		100-10 23	9804-I	68a 470.00	10-2 6
9102	13 84.00	30-10 5	9513		100-10 23	9805	68 194.00	20-10 8
9103	13 <b>84.00</b> 14 <b>67.00</b> 14 <b>119.00</b> 96 <b>44.00</b> 47 <b>32.00</b>	30-10 5	9515	74 131.00	100-10 42	9805-I	68a 198.00	10-2 7
9104		30-10 4	9517	74 131.00	100-10 42	9806	68 224.00	10-2 4
9105		30-10 4	9521	74 161.60	100-10 35	9808	47 87.00	50-10 7
9171		100-10 26	9523	74 161.00	100-10 35	9815	71 197.00	30-10 7
9181		50-10 3	9525	74 186.00	100-10 42	9815-I	68a 208.00	30-10 7
9200	30 <b>73.00</b>	100-10 25	9527	74 186.00	100-10 42	9815L	68a 295.00	30-10 7
9200-I	30 <b>79.00</b>	50-10 13	9540	74 387.00	30-10 12	9816	71 224.00	10- 2 4
9205	30 <b>79.00</b>	50-10 20	9571	32 61.00	100-10 24	9816-1	68a 237.00	10- 2 4
9206	30 <b>81.00</b>	50- 5 25	9571-1	32 69.00	50-10 12	9816L	68a 323.00	10- 2 4
9208	43 <b>63.00</b>	50-10 7	9573	32 61.00	100-10 24	9819	47 91.00	50-10 7
9210	30 55.00	100-10 20	9573-I	32 69.00	50-10 12	\$9890	35 <b>25.00</b> 35 <b>29.00</b> 72 <b>31.00</b> 72 <b>36.00</b> 35 <b>26.00</b>	100-10 15
9211	30 67.00	100-10 40	9575	32 47.00	100-10 25	\$9890-I		50-10 8
9212	30 69.00	50- 5 23	9595	32 47.00	100-10 26	\$9891		100-10 26
9213	30 56.00	50-10 8	9595-I	32 56.00	50-10 13	\$9891-I		50-10 14
9216	30 84.00	100-10 24	9596	32 79.00	50-10 9	\$9892		100-10 12
9217 9218 9220 9220-1 9221 9221-1	30 84.00 30 56.00 31 176.00 31 194.00 31 50.00 31 57.00	100-10 24 50-10 8 10- 2 5 10- 2 5 10- 2 2 10- 2 2	9597 9613 9623 9641 9641-1 9643	32 88.00 68 330.00 68 271.00 70 51.00 70 56.00 70 66.00	50-10 10 10-2 3 10-2 4 100-10 14 100-10 14 50-10 9	\$9892-I \$9893 \$9893-I \$9933 \$9933-I	35 <b>34.00</b> 72 <b>44.00</b> 72 <b>48.00</b> 68 <b>218.00</b> 68a <b>222.00</b> 44 <b>29.00</b>	50-10 7 50-10 15 25-10 8 10- 2 4 10- 2 7 100-25 8



CHE SHE									December 15, 1950
Cat. No.	List Cat. Per Page 100	Pkg. Sid. Car- Wgi. Pkg. ion Lbs.	Cat. No.	List Cat. Per Page 100	Pkg. Std. Car- W gt. Pkg. ton Lbs.	Cat. No.	Cat. Page	List Per 100	Pkg. Std. Car- W gt. Pkg. ton Lbs.
9935	44 \$35.00	100-25 8	S20418	29 \$498.00	10- 2 16	23011		\$330.00	20- 5 8
9936	44 \$2.00	100-25 8	T20418	29 498.00	10- 2 16	23015		532.00	20- 5 20
9937	44 43.00	100-25 10	TB20418	29 498.00	10- 2 16	23016		349.00	20- 5 8
9938 9939	44 51.00 44 45.00	100-25 10 100-25 10 100-25 10	20420 20421	28 498.00 25 1172.00	10- 2 16 10- 2 14	23020 23025	25 25	306.00 879.00	20- 5 4 20- 5 16
9940	44 39.00	100-25 10	21414	26 712.00	10- 2 10	23026	25	879.00	20- 5 16
9941	44 46.00	100-25 10	21415	26 476.00	10- 2 7	23027	25	879.00	20- 5 16
9942	44 44.00	100-25 10	21418	26 733.00	10- 2 10	23028	25	879.00	20- 5 16
9943	71 223.00	10-2 4	21419	26 498.00	10-2 7	35024	95	119.00	10-24
9943-I	68a 234.00	10-2 4	21420	28 1319.00	10-2 34	40261	94	Disc	continued
9943L	68a 323.00	10- 2 4	21421	25 1172.00	10- 2 14	\$40262	94	63.00	50-10 40
9951	58 178.00	20-10 5	21422	25 1195.00	10- 2 14	40461	94	Disc	continued
9952	44 59.00	50-10 9	21424	26 712.00	10- 2 10	\$40462	94	67.00	50-10 56
9953	44 72.00	50-10 11	21425	26 <b>476.00</b>	10- 2 7	43310	96	41.00	100-10 22
9954	44 59.00	50-10 9	21426	26 <b>476.00</b>	10- 2 7	43320	96	41.00	100-10 23
9955	44 72.00	50-10 11	21427	26 712.00	10- 2 10	50715	96	32.00	100-10 12
9965	15 157.00	30-10 8	21429	25 1172.00	10- 2 14	50715B	96	31.00	100-10 12
9967	17 216.00	20-10 9	21431	25 1172.00	10- 2 14	50717	93	80.00	100-10 22
9970	48 94.00	30-10 5	21432	25 1172.00	10- 2 14	50718	93	80.00	100-10 22
9971	48 94.00	30-10 5	21433	26 733.00	10- 2 10	59108	95	39.00	100-10 22
9972	44 25.00	100-25 8	21434	26 <b>754.00</b>	10- 2 10	60666	96	56.00	100-10 25
9973	44 32.00	100-25 8	21435	26 <b>498.00</b>	10- 2 7	61988	95	39.00	100-10 23
9974	44 33.00	100-25 8	21436	26 <b>519.00</b>	10- 2 7	91011	103	19.00	100-10 16
9975 9976	56 <b>51.00</b> 56 <b>51.00</b>	50-10 6 50-10 6	21442 21443	26 <b>712.00</b> 26 <b>476.00</b>	10- 2 10 10- 2 7	91012 91021	103 103	35.00 19.00	50-10 16 50-10 8
9977	55 141.00	20-10 5	21447	28 1172.00	10- 2 34	91022	103	48.00	30-10 9
§9990	20.00	100-10 15	22414	27 1728.00	10- 2 28	91023	103	97.00	20-10 6
§9990-1	23.00	50-10 8	22415	27 703.00	10- 2 7	91031	103	19.00	30-10 6
\$9991	29.00	100-10 26	22418	27 1757.00	10- 2 32	91032	103	68.00	20-10 5
\$9991-I	33.00	50-10 14	22419	27 733.00	10- 2 11	91041	103	19.00	100-10 16
\$9993	42.00	50-10 15	22422	27 703.00	10- 2 11	91042	103	35.00	50-10 16
\$9993-1	46.00	25-10 8	22424	27 1728.00	10- 2 30	91052	103	48.00	30-10 9
\$9994	35 46.00	50-10 16	22425	27 703.00	10- 2 9	91071	77	14.00	100-10 10
§9995	35 <b>52.00</b>	50- 5 20	22426	271728.00	10- 2 32	91072	77	28.00	100e-10e 10
§9996	35 <b>48.00</b>	100-10 30	22427	271757.00	10- 2 15	91073	77	43.00	100e-10e 10
\$9997	35 <b>52.00</b>	50- 5 21	22428	27 1610.00	10- 2 15	91074	77	77.00	100e-10e 10
\$9998	35 <b>70.00</b>	50-10 9	22429	27 849.00	10- 2 28	91075	77	169.00	100e-10e 7
\$9999	35 <b>77.00</b>	50-10 10	22430	27 849.00	10- 2 30	91076	77	194.00	100e-10e 7
10027	95 41.00	100-10 22	22431	27 849.00	10- 2 32	91081	77	19.00	100-10 9
10108	49 <b>62.00</b>	30-10 5	22432	27 879.00	10- 2 32	91091	77	19.00	100-10 10
12037-1	76 74.00	100-20 3	22441	27 1728.00	10- 2 32	91101	77	14.00	100-10 10
12037-2	76 74.00	100-20 3	22442	27 849.00	10- 2 32	91102	77	61.00	50a-5a 9
13202	101 36.00	100-10 22	22443	27 703.00	10- 2 11	91111	77	37.00	30-10 3
13202 Y	101 45.00	100-10 22	23000	24 404.00	20- 5 8	91121	77	25.00	50-10 5
13203	101 46.00	100-10 25	23001	24 513.00	20- 5 9	91122	77	77.00	50e-10e 5
14202	101 44.00	50-10 11	23002	24 513.00	20 5 9	91181	77	24.00	50-10 5
14202 Y	101 53.00	50-10 11	23003	24 513.00	20 5 9	91512	77	43.00	10- 2 2
14203	101 53.00	50-10 13	23004	24 330.00	20 5 8	91532	77	36.00	10- 2 2
20403	26 624.00	10- 2 5	23005	24 330.00	20- 5 8	91543	77	77.00	10-2 2
20414	26 712.00	10- 2 10	23006	24 330.00	20- 5 8	91554	77	194.00	10-2 3
20415	26 476.00	10- 2 7	23007	29 194.00	20- 5 13	91572	77	89.00	10- 2 2
20416	26 194.00	10- 2 9	CH23007		20- 5 13	92011	103	26.00	100-10 16
K20416	29 194.00	10- 2 9	K23007		20- 5 13	92012	103	48.00	30-10 10
KE20416	29 194.00	10- 2 9	K E23007	29 194.00	20- 5 13	92021	103	23.00	50-10 8
S20416		10- 2 9	S23007	29 194.00	20- 5 13	92022	103	62.00	30-10 9
T20416	26 133.00	10- 2 9	T23007	29 194.00	20- 5 13	92023 <sup>,</sup>	103	116.00	20-10 6
TB20416		10- 2 9	TB23007	29 194.00	20- 5 13	92031	103	23.00	30-10 6
20417		10- 2 4	23008	24 133.00	20- 5 10	92032	103	81.00	20-10 5
K20417 KE20417		10- 2 4 10- 2 4	CH23008 K23008	29 133.00	20- 5 10 20- 5 10	92041 92042	103	23.00 47.00	100-10 16 30-10 10
S20417		10-2 4	K E23008	29 133.00	20- 5 10	92052	103	62.00	30-10 9
T20417		10-2 4	S23008	29 133.00	20- 5 10	92071	77	20.00	50-10 5
TB20417		10-2 4	T23008	29 133.00	20- 5 10	92072	77	41.00	50e-10e 5
20418 K20418	28 498.00 29 498.00 3 29 498.00	10- 2 16 10- 2 16 10- 2 16	T B23008 23009 23010	29 133.00 24 536.00 24 513.00	20- 5 10 20- 5 9 20- 5 9	92073 92074 92075	77 77 77	67.00 99.00 212.00	50g-10g 5 50g-10g 5 50g-10g 4



December								
Cat. No.	List Cat. Per Page 100	Pkg. Std. Car- W gt. Pkg. ton Lbs.	Cat. No.	List Cat. Per Page 100	Pkg. Sid. Car- W gi. Pkg. ion Lbs.	Cat. No.	List Cat. Per Page 100	Pkg. Std. Car- Wgi. Pkg. ton Lbs.
92076 92081	77 \$242.00 77 24.00	50g-10g 4 50-10 5	\$96021 \$96022	104a \$75.00 104a 149.00	50-10 18 10- 2 7	\$97181 \$97512	78a \$45.00 78a 85.00	50-10 8 10- 2 2
92091 92101	77 24.00 77 20.00	50-10 5 50-10 5	\$96023 \$96031	104a 224.00 104a 75.00	10- 2 8 30-10 12	\$97532 \$97543	78a 85.00 78a 128.00	$10-21\frac{1}{2}$ $10-23$
92102	77 72.00	50e-5e 9	\$9603 <b>2</b>	104a 149.00	10-2 6	\$98011	104a 18.00	100-10 20
92111 92121	77 44.00 77 31.00	30-10 3 30-10 3	\$96033 \$96041	104a 224.00 104a 75.00	10- 2 7 100-10 36	\$98012 \$98013	104a 35.00 104a 54.00	10-2 4 10-2 5
92122	77 89.00	306-106 3	<b>\$96042</b>	104a 149.00	10-27	§98021	104a 18.00	50-10 10
92181 92512	77 31.00 77 61.00	30-10 3 10- 2 2	\$96043 \$96071	104a 224 .00 78a 64 .00	10- 2 10 100-10 30	\$9802 <b>2</b> \$98023	104a <b>43.00</b> 104a <b>58.00</b>	10- 2 4 10- 2 5
92532	77 48.00	10-22	<u>\$96072</u>	78a 129.00	100g-10g 28	<u>\$98031</u>	104a 18.00	30-10 6
92543 92554	77 97.00 77 217.00	10-2 2 10-2 3	\$960 <b>73</b> \$960 <b>74</b>	78a 191.00 78a 238.00	100g-10g 25 100g-10g 23	\$9803 <b>2</b> \$9803 <b>3</b>	104a 43.00 104a 58.00	10-23 10-24
92572	77 100.00 104a 62.00	10-2 2 100-10 24	\$96075 \$96076	78a 297.00 78a 358.00	100g-10g 22 100g-10g 20	\$98041 \$98042	104a 18.00 104a 35 00	100-10 20 10- 2 4
\$94012	104a 122.00	10-2 8	<u>\$96077</u>	78a 543.00	100g-10g-18	®98043	104a 54.00	10-2 5
\$94013 \$94021	104a 184.00 104a 62.00	10- 2 7 50-10 12	\$96078 \$96081	78a 603.00 78a 65.00	100s-10a 16 100-10 30	\$9807 <b>1</b> \$9807 <b>2</b>	78a 14.00 78a 26.00	100-10 14 1006-106 14
®9402 <b>2</b>	104a 122.00	<b>10-2</b> 6	<b>®</b> 96082	78a 130.00	100g-10g 28	®98073	78a 41.00	100e-10e 14
<u>\$94023</u> <u>\$94031</u>	104a 184.00 104a 62.00	10-2 5	<u>\$96083</u>	78a 194.00	100e-10g 25	<u>\$98074</u>	78a 53.00 78a 81.00	100e-10n 14
<b>®94032</b>	104a 122.00	30-10 7 10- 2 5	\$9609 <b>1</b> \$9609 <b>2</b>	78a 64.00 78a 169.00	100-10 25 100g-10g 22	\$98075 \$98076	78a 96.00	100g-10g 14 100g-10g 14
\$94033 \$94041	104a 184.00 104a 62.00	10- 2 4 100-10 23	\$9609 <b>3</b> \$9610 <b>1</b>	78a 253.00 78a 64.00	100g-10g 20 100-10 21	\$98091 \$98101	78a 18.00 78a 14.00	100-10 13 100-10 13
®94042	104a 122.00	10-2-8	\$96102	78a 169.00	100g-10g 8	\$98102	78a 28.00	1009-100 13
\$94043 \$94071	104a <b>184.00</b> 78a 51. <b>00</b>	10- 2 7 100-10 15	\$96103 \$96121	78a 253.00 78a 77.00	100g-10g 15 50-10 13	\$98121 \$98181	78a 24.00 78a 21.00	50-10 12 50-10 8
§94072	78a 101.00	100g-10g 16	§96122	78a 155.00	509-109 11	®98512	78a 36.00	10-22
\$94073 \$94074	78a 152.00 78a 202.00	1006-106 14 1006-106 13	\$96123 \$96181	78a 231.00 78a - 83.00	50e-10e 10 50-10 12	\$98532 \$98543	78a 36.00 78a 53.00	$10-21\frac{1}{2}$ $10-23$
\$94075 \$94076	78a 253.00 78a 304.00	100g-10g 12 100g-10g 10	\$96512 \$96532	157.00 78a 157.00	10- 2 4 10- 2 5	\$99011 \$99012	104a 21.00 104a 42.00	100-10 20 10- 2 4
<b>§94077</b>	78a 480.00	100s-10s 9	<b>§</b> 96543	237.00	10-2 5	\$9901 <b>3</b>	104a 61.00	10-25
\$94078 \$94081	78a 530.00 78a 51.00	100e-10e 7 100-10 15	\$96572 \$97011	78a 157.00 104a   41.00	10- 2 5 100-10 22	\$99021 \$99022	104a 21.00 104a 54.00	50-10 10 10- 2 4
©94082	78a 101.00	100e-10e 16	<u>\$97012</u>	104a 89.00	10-24	<u>\$99023</u>	104a 75.00	10-2 5
\$94083 \$94091	78a 152.00 78a - 51.00	100g-10g 14 100-10 17	\$97013 \$97021	104a 128.00 104a 41.00	10- 2 5 50-10 11	\$9903 <b>1</b> \$9903 <b>2</b>	104a <b>21.00</b> 104a <b>54.00</b>	30-10 6 10- 2 3
\$9409 <b>2</b> \$9409 <b>3</b>	78a 146.00 78a 218.00	100g-10g 15 100g-10g 14	\$97022 \$97023	104a 111.00 104a 154.00	10-2 4 10-2 5	\$9903 <b>3</b> \$9904 <b>1</b>	104a 73.00 104a 21.00	10- 2 4 100-10 20
<u>\$94101</u>	78a 51.00	100-10 16	©97031	104a 41.00	30-10 7	<u>\$99042</u>	104a 42.00	10- 2 4
\$94102 \$94103	78a 146.00 78a 220.00	100e-10e 15 100e-10e 14	\$97032 \$97033	104a 119.00 104a 154.00	10-2 3 10-2 4	\$99043 \$99071	104a 61.00 78a 15.00	10- 2 5 100-10 14
§94121	78a 65.00	50-10 9	<b>⑤</b> 97041	104a 41.00	100-10 19	®99072	78a 31.00	100g-10g 14
<u>\$94122</u> <u>\$94123</u>	78a 130.00 78a 194.00	50g-10g 8 50g-10g 8	<u>\$97042</u> \$97043	104a 89.00 104a 128.00	$\frac{10-2}{10-2}$	<u>\$99073</u> <u>\$99074</u>	78a 48.00 78a 79.00	100s-10s 14 100s-10s 14
<b>⑤</b> 94181	78a 70.00	50-10 8	§97071	78a 33.00	100-10 15	§99075	78a 112.00	100s-10s 14
\$94182 \$94183	78a 142.00 78a 212.00	50g-10g 7 50g-10g 7	\$9707 <b>2</b> \$9707 <b>3</b>	78a 85.00 78a 128.00	100g-10g 14   100g-10g 14	\$9907 <b>6</b> \$9909 <b>1</b>	78a 132.00 78a 24.00	100g-10g 14 100-10 13
<u>\$94512</u>	133.00	10-23	<u>\$97074</u>	78a 167.00	100g-10g 14	<u>\$99101</u>	78a 15.00	100-10 13
\$94532 \$94543	78a 133.00 200.00	10-2 3 10-2 4	\$97075 \$97076	78a 229.00 78a 254.00	100s-10s 14 100s-10s 14	\$99102 \$99121	78a 31.00 78a 28.00	100s-10s 13 50-10 12
<b>§94572</b>	78a 133.00	10-23	©97091	78a 33.00	100-10 13	©99181	78a 24.00	50-10 8
\$96011 \$96012	104a 75.00 104a 149.00	100-10 36 10- 2 7 10- 2 10	\$97101 \$97102	78a 33.00 78a 85.00	100-10 13 100g-10g 13	\$99512 \$99532 \$99543	78a 46.00 78a 46.00	10- 2 2 10- 21 34
<u>\$96013</u>	104a 224.00	10- 2 10	<u>\$97121</u>	78a 45.00	50-10 12	<u>®99543</u>	78a 63.00	10-23

Suspended





# HARVEY HUBBELL, INC. BRIDGEPORT, CONNECTICUT

### LIST PRICES and INDEX

All Prices Are Subject To Change without Notice

APPLYING TO CATALOG NO. 28

The Following Price Changes Become Effective

### **DECEMBER 19, 1951**

Supersedes and Cancels List Price Index Dated December 15, 1950

Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100
FS-2	\$24.00	*415	\$33.50	1305	See No. 98012	1395-I	See No. 99043
FS-4	24.00	*416	Discontinued	1305-I	See No. 99012	1411	\$58.50
*FS-4NA	72.00	*418	48.00	1306	See No. 98022	1411MC	176.00
FS-5	42.00	*419	38.50	1306-I	See No. 99022	1411MC	106.00
FS-6	85.00	*420	55.00	1307	See No. 98032	1411MO	176.00
FS-6NA	See FS-85NA	*421	45.00	1307-I	See No. 99032	1411M <b>O</b>	106.00
FS-6NA4	See FS-85NA4	425	Discontinued	1308	See No. 98042	1412	108.00
*S6-Clear	42.00	425LL	Discontinued	1308-I	See No. 99042	1413	79.00
FS-12	25.00	426	Discontinued	1309	See No. 98013	1414	215.00
*25	40.50	427	149.00	1309-I	See No. 99013	1420	27.00
*27	52.00	*427LL	112.00	1310	See No. 98023	1421	18.00
FS-40	72.00	*428	288.00	1310-I	See No. 99023	1422	55.50
SP-49	69.00	429	Substitute No. 433	1311	\$55.00	1423	22.00
SP-49-I	76.00	*430	Discontinued	1311L	128.00	1426	20.00
SP-49-4	89.00	431	Discontinued	1311MC	169.00	1427	19.00
*57	40.50	432	146.00	1311MC	98.00	1441	38.50
*59	46.00	*432LL	107.00	1311MO	169.00	1444	35.50
*60	60.00	433	45.50	1311MO	98.00	1445	20.00
*61	43.50	*434	178.00	1312	104.00	1467	6.70 86.50
*62	34.00	*441	14.00	1312L	190.00	1475	
*63	125.00	454	76.00	1313	75.00	1491	42.00
FS-64	See FS-85-4	455	81.00	1313L	155.00	1493	53.00
*65 *72	136.00	456	59.00	1314	211.00	1498	19.00 19.00
*73	34.00	457	65.00	1314L	296.00	1499	See No. 97011
75	Discontinued	458	68.00	1320	19.00	1501	
FS-85	85.00	459	74.00	1321	15.50	1502	See No. 97021
*FS-85-4	85.00	*466	519.00	1322	50.00	1503	See No. 97031
*FS-85NA	100.00	492	27.30	1323	18.00	1504	See No. 97041
*FS-85NA4	100.00	501 505	27.50 45.50	1326	15.50	1505	Discontinued Discontinued
112	30.30			1327	12.50	1506	
150	28.50	648	Discontinued	1330	19.00	1507	See No. 97012
151	48.00	649	Discontinued	1339	111.00	1508	See No. 97022 See No. 97032
153	52.00	736	47.00	1340	111.00	1509	See No. 97042
*156 *157	55.00 55.00	829 830	201.00 201.00	1341 1342	30.50	1510 1511	See No. 97013
	<del></del>				42.00		
*158 *159	59.00 71.00	*854 *856	70.00 70.00	1343 1344	24.00	1512 1513	See No. 97023 See No. 97033
160	96.50	*858	70.00		30.00	1514	See No. 97043
161	59.00	*859	34.00	1345 1346	12.50 31.50	*1630	31.00
162	40.50	*860	139.00	1347	10.50	*1632	37.00
*175	142.00	926	45.00	1348	11.00	*1634	23.50
*178	101.00	927	49.00	1354	3.80	*1637	80.00
191	73.00	*997	65.00	1361	19.00	*1638	61.00
198	51.50	*998	60.00	1362	22.00	*1639	95.00
200	85.00	*999	73.00	1363	27.00	1650	7.50
204	95.00	*1126	75.00	1367	5.80	1651	6.50
207	53.00 53.00	*1127	75.00 75.00	1372	24.40	1671A	See No. 96011
271	77.00	1301	See No. 98011	1375	81.50	1671B	See No. 96021
275	79.00	1301-I	See No. 99011	1376	95.00	1671C	See No. 96031
310	36.00	1302	See No. 98021	1377	111.00	1671G	See No. 96041
311	44.00	1302-I	See No. 99021	1391	38.50	1671J	Discontinued
392	33.00	1303	See No. 98031	1393	48.00	1671R	Discontinued
*411	13.00	1303-I	See No. 99031	1394	See No. 98033	1671V	Discontinued
*413	22.00	1304	See No. 98041	1394-I	See No. 99033	1672-2A	See No. 96012
*414	12.50	1304-I	See No. 99041	1395	See No. 98043	1672-2B	See No .96022
				,		•	

Prices in italics apply to 1000 lots only.

\* Suspended



1672-2C   See No. 96032   1808   See No. 97101		····		e e e de la company	er a espera	Property of the South Association			
1672-2G   See No. 96042   1809   See No. 97102   *2655   50.00   *2959   1672-3A   See No. 96013   1811   See No. 97512   *2666   51.00   *2959   1673-3A   See No. 96013   1811   See No. 97522   *2666   50.00   *2950   *	Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	James A	List Per 100	Cat. No.	List Per 100
1672-2G   See No. 96042   1809   See No. 97102   *2635   50.00   *2959   1672-3A   See No. 96013   1811   See No. 97512   *2666   50.00   *2950   1673-3A   See No. 96013   1811   See No. 97522   *2666   50.00   *2950   1673-3C   See No. 96023   1812   See No. 97543   *2667   42.50   *2950   1673-3C   See No. 96043   1814   See No. 97121   *2669   40.50   *2963   1673-3J   Discontinued   *1815D   \$55.00   2900   19.95   *2964   1673-3J   Discontinued   *1815D   \$55.00   2900   19.95   *2964   1771R   See No. 94011   *1835D   75.00   2901   22.00   *2976   1771G   See No. 94011   1906   74.00   2902   28.00   *2971L   2   1771G   See No. 94041   1906   74.00   2902   28.00   *2971L   2   1771G   See No. 94011   1916   74.00   2902   28.00   *2971L   2   1771G   See No. 94012   1918   182.00   2044   75.00   2903   28.50   *2973   2   2   2   2   2   2   2   2   2	1672-2C See	e No. 96032	1808	See No. 97101	*2634		\$60.00	2958	\$21.85
1673-3A   See No. 96013   1811   See No. 97553   22666   50.00   22960	1672-2G Sec								76.00
1673-3B   See No. 96025   1812   See No. 97121   \$2667   \$42.50   \$2963   \$1673-3C   See No. 96043   1814   See No. 97121   \$2000   12.00   \$2963   \$1673-3J   Discontinued   \$1815D   \$35.00   22901   12.02   \$2964   \$2964   \$1771A   \$268 No. 94021   \$1835D   73.00   22901   22.00   \$2971   \$			1810						72.20
1673-3G   See No. 96035   1813   See No. 97121   \$2669   20.0   \$2965   \$1673-3G   See No. 96045   1814   \$See No. 97181   2900   21.00   \$2964   \$1673-3G   \$See No. 96041   \$1815D   \$\$55.00   2901   22.00   \$2971   \$1771B   \$See No. 96041   \$1844D   21.100   2901   22.00   \$2971   \$1771B   \$See No. 96041   1906   74.00   2902   28.00   \$2971   1.00   1771G   \$See No. 96041   1906   74.00   2902   28.00   \$2971   2.0   1771G   \$See No. 96041   1906   74.00   2902   28.00   \$2971   2.0   1771G   \$See No. 96041   1906   74.00   2902   28.00   \$2971   2.0   1771W   Discontinued   1917   79.00   2903   30.00   \$2972L   3.0   2.0   1771W   Discontinued   1917   79.00   2903   30.00   \$2972L   3.0   2.0   1771W   Discontinued   1918   182.00   2904   75.00   \$2974   6.0   1772-2B   \$See No. 94021   1919   145.00   2905   75.00   \$2974   6.0   1772-2G   \$See No. 94022   1920   278.00   2905   75.00   \$2974   6.0   1772-2G   \$See No. 94022   1923   327.00   2910   28.50   \$3135   1.0   1773-3G   \$See No. 94021   1923   327.00   2910   28.50   \$3136   1.0   1773-3G   \$See No. 94042   1923   327.00   2910   28.50   \$3136   1.0   1773-3G   \$See No. 94042   1927   472.00   2911   15.00   \$3137   1.0   1773-3G   \$See No. 94043   1928   827.00   2914   28.50   \$3195   1.1   1773-3G   \$See No. 94044   1929   56.00   2915   36.00   \$3137   1.1   1773-3G   \$See No. 94044   1929   56.00   2915   36.00   39194   1.1   1773-3G   \$See No. 94043   1928   827.00   2916   40.50   3320   3217   3217   3217   3217   3226   3220   322									75.00
1673-3G   See No. 96043   1814   See No. 97181   2900   21.00   *2963   1673-3G   Discontinued   *1815D   \$55.00   2901   22.00   *2964   *2964   *29711   T711A   See No. 94021   *1844D   211.00   2901   22.00   *2964   *2964   *29711   T711G   See No. 94041   *1844D   211.00   2902   26.00   *29711   T711G   See No. 94041   *1915D   58.50   2903   26.00   *29721   27.00   *29731   *29	1673-3B See	e No. 96023	1812	See No. 97543	*2667		42.50	*2960	71.25
1673-3  Discontinued   1815D   \$55.00   2900   19.95   *2964   1771B   See No. 94021   *1835D   75.00   2901   22.00   *2971   1   1771B   See No. 94021   *1845D   75.00   2901   22.00   *2971   1   1771C   See No. 94031   1905   74.00   2902   24.00   *2971   2   2   2   2   2   2   2   2   2		e No. 96033	1813	See No. 97121					43.00
1771A   See No. 94011   1835D   75.00   2901   22.00   *2964   19171   1771B   See No. 94021   19184   1906   74.00   2902   28.00   *2971L   2   2   1771G   See No. 94041   1906   74.00   2902   28.00   *2971L   2   2   2   2   2   2   2   2   2							21.00		40.85
1771B   See No. 94021   *1844D   211.00   2901   20.90   *2971   1   1   1   1   1   1   1   1   1									32.00
1771C   See No. 94031   1905   74,00   2902   28.00   *2971L   2   1771G   See No. 94041   1906   74,00   2902   26.60   *2972   2   2   2   2   2   2   2   2   2									30.40
1771G   See No. 94041   1906   74,00   2902   26,60   29772   2   2   2   17718   Discontinued   1917   79,00   2903   28,50   2973   2   2   17718   Discontinued   1918   182,00   2904   79,00   2973L   3   3   1772-2A   See No. 94012   1918   182,00   2904   79,00   29774   6   1772-2B   See No. 94012   1920   278,00   2905   79,00   29774   7   7   7   7   7   7   7   7   7		e No. 94021	*1844D					<u> </u>	197.00
1771							28.00		295.00
1771   Discontinued   1917   79.00   2903   28.50   *2973   2   2   17712   Discontinued   1918   182.00   2904   79.00   *2977\$   3   3   1772-2A   See No. 94012   1919   145.00   2904   75.00   *2974   6   75.00   *2974   6   75.00   *2974   6   75.00   *2974   75.0									255.00
1771-V   Discontinued   1918   182.00   2904   79.00   *2973L   3   1772-2A   See No. 94012   1919   145.00   2905   75.00   *2974L   6   79.00   79									355.00 223.00
1772-2A   See No. 94012   1919   145.00   2904   75.00   2974   60   1772-2B   See No. 94032   1920   278.00   2905   79.00   2974L   77   77.00   3135   1   1772-2G   See No. 94032   1923   337.00   2910   28.50   3136   1   1772-2G   See No. 94042   1923   337.00   2910   28.50   3136   1   1772-3B   See No. 94013   1924   109.00   2911   32.00   3137   1   1   1   1   1   1   1   1   1									323.00
1772-21B   See No. 94032   1920   278.00   2905   79.00   *2974L   77   77.00   *3155   1   77   77.00   *3155   1   77   77.00   *3155   1   77   77.00   *3155   1   77   77   77   77   78   77   77									634.00
1772-2C   See No. 94042   1923   327.00   2910   28.50   *3135   1   1772-2J   Discontinued   1924   109.00   2911   32.00   *3137   1   1772-2J   Discontinued   1924   109.00   2911   32.00   *3137   1   1773-3A   See No. 94013   1926   182.00   2912   14.50   *3190   2   1773-3A   See No. 94023   1927   472.00   2913   15.50   *3190   2   1   1773-3C   See No. 94033   1928   327.00   2914   28.50   *3193   1   1   1773-3G   See No. 94043   1929   56.00   2915   34.00   *3194   1   1   1   1   1   1   1   1   1									735.00
1772-2G   See No. 94042   1923   327.00   2910   28.50   *3136   1   1772-2J   Discontinued   1924   109.00   2911   32.00   *3137   32.00							75.00		113.00
1772-2  Discontinued   1924   109.00   2911   32.00   *3137   1773-3A   See No. 94013   1926   182.00   2912   14.50   *3190   2   1773-3B   See No. 94023   1927   472.00   2913   15.50   *3191   1   1   1773-3C   See No. 94023   1928   327.00   2914   28.50   *3193   1   1   1773-3C   See No. 94033   1928   327.00   2915   34.00   *3194   1   1   1   1   1   1   1   1   1	1772-2G See	e No. 94042							113.00
1773-3B   See No. 94023   1927   472.00   2913   15.50   *3191   1773-3C   See No. 94034   1928   327.00   2914   28.50   *3194   1773-3G   See No. 94043   1929   56.00   2915   34.00   *3194   1   1773-3G   See No. 94043   1929   56.00   2915   34.00   *3194   1   1   1773-3G   See No. 94043   1929   56.00   2915   34.00   *3194   1   1   1   1   1   1   1   1   1									51.00
1773-3B   See No. 94023   1927   472.00   2913   15.50   *3191   1773-3C   See No. 94034   1928   327.00   2914   28.50   *3194   1773-3G   See No. 94043   1929   56.00   2915   34.00   *3194   1   1773-3G   See No. 94043   1929   56.00   2915   34.00   *3194   1   1   1773-3G   See No. 94043   1929   56.00   2915   34.00   *3194   1   1   1   1   1   1   1   1   1	1773-3A Sec	e No. 94013	1926	182.00	2912		14 50	*3100	200.00
1773-3C   See No. 94033   1928   327.00   2914   28.50   *3193   1   1   1   1   1   1   1   1   1									151.00
1773-3G   See No. 94043   1929   56.00   2915   34.00   *3194   1   1   1   1   1   1   1   1   1									163.00
1773-3									149.00
1781-I   See No. 99071   1932   496.00   *2923   240.00   3394   1782   See No. 98072   1933   293.00   *2923L   345.00   3436   1782-I   See No. 99072   1934   484.00   *2924   343.00   3464   1783   See No. 98073   *1935D   79.00   *2924L   444.00   *3583   *1783-I   See No. 98073   1937   77.00   *2925L   406.00   *3588   1784-I   See No. 98074   1938   117.00   *2925L   406.00   *3588   1784-I   See No. 98075   1940   366.00   *2926L   460.00   *3589   Discontinued   1785-I   See No. 98075   1941   336.00   2930   27.50   *3591   1786-I   See No. 98076   1942   545.00   2931   33.00   *3592   1786-I   See No. 98076   1943   1331.00   2932   18.50   3593   1787   See No. 98091   1944D   215.00   2934   51.50   3595   1788-I   See No. 98011   1997   666.00   2935   55.00   3596   21789-I   See No. 98101   1997   666.00   2936   15.00   3599   21789-I   See No. 98102   1998   726.00   2936   15.00   3599   21789-I   See No. 98102   2022   481.00   2937   17.00   3599   21790-I   See No. 99532   2211   85.00   2937   17.00   3599   21790-I   See No. 99532   2221   85.00   2937   17.00   3599   27190-I   See No. 99532   2221   85.00   2937   17.00   3922   3946   1791-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1793-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2330   2308   22.00   2942   23300   3946   3980									34.00
1781-I   See No. 99071   1932   496.00   *2923   240.00   3394   1782   See No. 98072   1933   293.00   *2923L   345.00   3436   1782-I   See No. 99072   1934   484.00   *2924   343.00   3464   1783   See No. 98073   *1935D   79.00   *2924L   444.00   *3583   *1783-I   See No. 98073   1937   77.00   *2925L   406.00   *3588   1784-I   See No. 98074   1938   117.00   *2925L   406.00   *3588   1784-I   See No. 98075   1940   366.00   *2926L   460.00   *3589   Discontinued   1785-I   See No. 98075   1941   336.00   2930   27.50   *3591   1786-I   See No. 98076   1942   545.00   2931   33.00   *3592   1786-I   See No. 98076   1943   1331.00   2932   18.50   3593   1787   See No. 98091   1944D   215.00   2934   51.50   3595   1788-I   See No. 98011   1997   666.00   2935   55.00   3596   21789-I   See No. 98101   1997   666.00   2936   15.00   3599   21789-I   See No. 98102   1998   726.00   2936   15.00   3599   21789-I   See No. 98102   2022   481.00   2937   17.00   3599   21790-I   See No. 99532   2211   85.00   2937   17.00   3599   21790-I   See No. 99532   2221   85.00   2937   17.00   3599   27190-I   See No. 99532   2221   85.00   2937   17.00   3922   3946   1791-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1793-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2221   85.00   2939   23.00   3947   1792-I   See No. 99532   2330   2308   22.00   2942   23300   3946   3980	1781 Sec	e No. 98071	1931	189.00	2917		44.00	3321	48.00
1782         See No. 98072         1933         293.00         *2923L         345.00         3436           1782-I         See No. 99072         1934         484.00         *2924         343.00         3464         1           1783-I         See No. 98073         *1935D         79.00         *2925E         299.00         *3587           1784-I         See No. 98074         1938         117.00         *2925L         406.00         *3589           1785-I         See No. 99074         1939         216.00         *2926L         846.00         3589         Discont           1785-I         See No. 98075         1940         366.00         *2926L         946.00         *3590           1785-I         See No. 98076         1941         306.00         2930         27.50         *3591           1786-I         See No. 98076         1942         545.00         2931         33.00         *3592           1787-I         See No. 98076         1943         1331.00         2933         20.00         3594           1787-I         See No. 98091         1996         484.00         2934         51.50         3595           1788-I         See No. 98101         1997         666.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>30.00</td>									30.00
1783   See No. 98073   *1935D   79.00   *2924L   444.00   *3583   *1783-I   See No. 99073   1937   77.00   *2925   299.00   *3587   *1844   See No. 98074   1938   117.00   *2925L   406.00   *3588   1784-I   See No. 99075   1940   366.00   *2926L   466.00   *3589   Discont				293.00	*2923L			3436	35.00
1783-I   See No. 99073   1937   77.00   *2925   299.00   *3587   1784   See No. 98074   1938   117.00   *2925L   406.00   *3588   1784-I   See No. 98074   1939   216.00   *2926   846.00   3589   Discont			1934	484.00					117.00
1784         See No. 98074         1938         117.00         *2925L         406.00         *3588           1784-I         See No. 99074         1939         216.00         *2926L         846.00         3589         Discont           1785-I         See No. 98075         1940         366.00         2930         27.50         *3590           1785-I         See No. 98076         1941         306.00         2930         27.50         *3591           1786         See No. 98076         1942         545.00         2931         33.00         *3592           1787-I         See No. 98091         1943         1331.00         2932         18.50         3593           1787-I         See No. 98091         1996         484.00         2934         51.50         3595           1788-I         See No. 98101         1997         666.00         2935         55.00         3596         2           1788-I         See No. 99101         1998         726.00         2936         15.00         3597         1           1789-I         See No. 98102         2022         481.00         2937         17.00         3599         2           1789-I         See No. 98512         2035	1783 See	e No. 98073	*1935 <b>D</b>	79.00	*2924L		444.00	*3583	52.00
1784-I         See No. 99074 See No. 98075         1940 1940         366.00 366.00 366.00         *2926 2930         846.00 27.50         3589 3590         Discont           1785-I         See No. 98075 See No. 99075         1941         306.00         2930         27.50         *3591           1786-I         See No. 98076 See No. 99076         1942         545.00         2931         33.00         *3592           1787-I         See No. 98091 See No. 98091         *1944D         215.00         2933         20.00         3594           1788-I         See No. 99091         1996         484.00         2934         51.50         3595           1788-I         See No. 98101         1997         666.00         2935         55.00         3597         1           1789-I         See No. 98102         2022         481.00         2936         15.00         3597         1           1789-I         See No. 98102         2022         481.00         2937         17.00         3598         2           1789-I         See No. 98102         2023         481.00         2937         17.00         3599         2           1790-I         See No. 98512         2035         90.00         2937         14.00         <			1937						87.00
1785         See No. 98075         1940         366.00         *2926L         946.00         *3590           1785-I         See No. 99075         1941         306.00         2930         27.50         *3591           1786         See No. 98076         1942         545.00         2931         33.00         *3592           1787         See No. 98091         1943         1331.00         2932         18.50         3593           1787-I         See No. 98091         *1996         484.00         2934         51.50         3595           1788         See No. 98101         1997         666.00         2935         55.00         3596         2           1789-I         See No. 98102         2022         481.00         2936         15.00         3597         1           1789-I         See No. 98102         2022         481.00         2936         13.00         3598         2           1789-I         See No. 98102         2023         481.00         2936         13.00         3598         2           1790-I         See No. 98512         2035         90.00         2937         17.00         3599         2           1791-I         See No. 98532         2220									43.50
1785-I         See No. 99075         1941         306.00         2930         27.50         *3591           1786         See No. 98076         1942         545.00         2931         33.00         *3592           1786-I         See No. 99076         1943         1331.00         2932         18.50         3593           1787         See No. 98091         *1944D         215.00         2933         20.00         3594           1787-I         See No. 99091         1996         484.00         2934         51.50         3595           1788-I         See No. 98101         1997         666.00         2935         55.00         3596         2           1789-I         See No. 98102         2022         481.00         2936         15.00         3597         1           1789-I         See No. 98102         2022         481.00         2936         13.00         3598         2           1789-I         See No. 99102         2023         481.00         2937         17.00         3599         2           1790-I         See No. 98512         2035         90.00         2937         14.00         *3922           1791-I         See No. 99532         2220 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Discontinued</td></td<>									Discontinued
1786         See No. 98076         1942         545.00         2931         33.00         *3592           1786-I         See No. 99076         1943         1331.00         2932         18.50         3593           1787         See No. 98091         *1944D         215.00         2933         20.00         3594           1787-I         See No. 99091         1996         484.00         2934         51.50         3595           1788-I         See No. 98101         1997         666.00         2935         55.00         3596         2           1788-I         See No. 99101         1998         726.00         2936         15.00         3597         1           1789         See No. 98102         2022         481.00         2936         13.00         3598         2           1789-I         See No. 98102         2023         481.00         2937         17.00         3599         2           1790         See No. 98512         2035         90.00         2937         14.00         *3922           1790-I         See No. 98532         2220         75.00         2938         19.95         3946           1791-I         See No. 98543         2222         121.0									33.00 45.50
1786-I       See No. 99076       1943       1331.00       2932       18.50       3593         1787       See No. 98091       *1944D       215.00       2933       20.00       3594         1787-I       See No. 99091       1996       484.00       2934       51.50       3595         1788       See No. 98101       1997       666.00       2935       55.00       3596       2         1788-I       See No. 99101       1998       726.00       2936       15.00       3597       1         1789-I       See No. 98102       2022       481.00       2936       13.00       3598       2         1789-I       See No. 99102       2023       481.00       2937       17.00       3598       2         1790       See No. 98512       2035       90.00       2937       14.00       *3922         1790-I       See No. 98532       2210       75.00       2938       21.00       *3923         1791-I       See No. 98532       2220       75.00       2938       19.95       3946         1792-I       See No. 98543       2222       121.00       2939       23.00       3947         1792-I       See No. 98543       <	····						27.50		
1787         See No. 98091         *1944D         215.00         2933         20.00         3594           1787-I         See No. 99091         1996         484.00         2934         51.50         3595           1788         See No. 98101         1997         666.00         2935         55.00         3596         2           1788-I         See No. 99101         1998         726.00         2936         15.00         3597         1           1789         See No. 98102         2022         481.00         2936         13.00         3598         2           1789-I         See No. 99102         2023         481.00         2937         17.00         3599         2           1790         See No. 98512         2035         90.00         2937         14.00         *3922           1790-I         See No. 99512         2110         46.00         2938         21.00         *3923           1791-I         See No. 98532         2220         75.00         2938         19.95         3946           1791-I         See No. 98543         2222         121.00         2939         23.00         3947           1792-I         See No. 99543         2232         121.00<									44.00
1787-I         See No. 99091         1996         484.00         2934         51.50         3595           1788 See No. 98101         1997         666.00         2935         55.00         3596         2           1788-I         See No. 99101         1998         726.00         2936         15.00         3597         1           1789 See No. 98102         2022         481.00         2936         13.00         3598         2           1789-I         See No. 99102         2023         481.00         2937         17.00         3599         2           1790 See No. 98512         2035         90.00         2937         14.00         *3922         1790-I         *3922         1790-I         *3923         21.00         *3923         21.00         *3923         21.00         *3923         21.00         *3923         21.00         *3923         22.00         *3923         23.00         3947         1791-I         See No. 98532         2220         75.00         2938         19.95         3946         3947         3946         1792-I         See No. 99543         2222         121.00         2939         23.00         3947         2948         33.00         *3965         1         1792-I									54.00 37.50
1788         See No. 98101         1997         666.00         2935         55.00         3596         2           1788-I         See No. 99101         1998         726.00         2936         15.00         3597         1           1789         See No. 98102         2022         481.00         2936         13.00         3598         2           1789-I         See No. 99102         2023         481.00         2937         17.00         3599         2           1790         See No. 98512         2035         90.00         2937         14.00         *3922           1790-I         See No. 99512         2110         46.00         2938         21.00         *3923           1791         See No. 98532         2220         75.00         2938         19.95         3946           1791-I         See No. 98532         2221         85.00         2939         23.00         3947           1792         See No. 98543         2222         121.00         2939         21.85         3965         1           1792-I         See No. 99543         2232         145.00         2942         33.00         *3969         1           1793-I         See No. 98121									65.00
1788-I	_								233.00
1789       See No. 98102       2022       481.00       2936       13.00       3598       2         1789-I       See No. 99102       2023       481.00       2937       17.00       3599       2         1790       See No. 98512       2035       90.00       2937       14.00       *3922         1790-I       See No. 99512       2110       46.00       2938       21.00       *3923         1791       See No. 98532       2220       75.00       2938       19.95       3946         1791-I       See No. 99532       2221       85.00       2939       23.00       3947         1792-See No. 98543       22222       121.00       2939       21.85       *3965       1         1792-I       See No. 99543       2232       145.00       2942       33.00       *3969         1793       See No. 98121       2308       22.00       2942       28.00       *3980         1793-I       See No. 98181       2332       Discontinued       2943       35.00       *3981         1794-I       See No. 99181       2355       546.00       2947       15.00       *3983					·				
1789-I       See No. 99102       2023       481.00       2937       17.00       3599       2         1790 See No. 98512       2035       90.00       2937       14.00       *3922       *3923         1790-I       See No. 99512       2110       46.00       2938       21.00       *3923         1791 See No. 98532       2220       75.00       2938       19.95       3946         1791-I See No. 99532       2221       85.00       2939       23.00       3947         1792 See No. 98543       2222       121.00       2939       21.85       *3965       1         1792-I See No. 99543       2232       145.00       2942       33.00       *3969       2         1793 See No. 98121       2308       22.00       2942       28.00       *3980         1793-I See No. 99121       2330       95.00       2943       35.00       *3981         1794 See No. 98181       2332       Discontinued       2943       29.00       *3982         1794-I See No. 99181       2355       546.00       2947       15.00       *3983									177.00 210.00
1790     See No. 98512     2035     90.00     2937     14.00     *3922       1790-I     See No. 99512     2110     46.00     2938     21.00     *3923       1791     See No. 98532     2220     75.00     2938     19.95     3946       1791-I     See No. 99532     2221     85.00     2939     23.00     3947       1792     See No. 98543     2222     121.00     2939     21.85     *3965     1       1792-I     See No. 99543     2232     145.00     2942     33.00     *3969       1793     See No. 98121     2308     22.00     2942     28.00     *3980       1793-I     See No. 99121     2330     95.00     2943     35.00     *3981       1794     See No. 98181     2332     Discontinued     2943     29.00     *3982       1794-I     See No. 99181     2355     546.00     2947     15.00     *3983									213.50
1790-I         See No. 99512         2110         46.00         2938         21.00         *3923           1791         See No. 98532         2220         75.00         2938         19.95         3946           1791-I         See No. 99532         2221         85.00         2939         23.00         3947           1792         See No. 98543         2222         121.00         2939         21.85         *3965         1           1792-I         See No. 99543         2232         145.00         2942         33.00         *3969           1793         See No. 98121         2308         22.00         2942         28.00         *3980           1793-I         See No. 99121         2330         95.00         2943         35.00         *3981           1794         See No. 98181         2332         Discontinued         2943         29.00         *3982           1794-I         See No. 99181         2355         546.00         2947         15.00         *3983									30.00
1791         See No. 98532         2220         75.00         2938         19.95         3946           1791-I         See No. 99532         2221         85.00         2939         23.00         3947           1792         See No. 98543         2222         121.00         2939         21.85         *3965         1           1792-I         See No. 99543         2232         145.00         2942         33.00         *3969           1793         See No. 98121         2308         22.00         2942         28.00         *3980           1793-I         See No. 99121         2330         95.00         2943         35.00         *3981           1794         See No. 98181         2332         Discontinued         2943         29.00         *3982           1794-I         See No. 99181         2355         546.00         2947         15.00         *3983									35.50
1791-I     See No. 99532     2221     85.00     2939     23.00     3947       1792     See No. 98543     2222     121.00     2939     21.85     *3965     1       1792-I     See No. 99543     2232     145.00     2942     33.00     *3969       1793     See No. 98121     2308     22.00     2942     28.00     *3980       1793-I     See No. 99121     2330     95.00     2943     35.00     *3981       1794     See No. 98181     2332     Discontinued     2943     29.00     *3982       1794-I     See No. 99181     2355     546.00     2947     15.00     *3983			2220	75.00	2038		10.05	20/6	14.00
1792       See No. 98543       2222       121.00       2939       21.85       *3965       1         1792-I       See No. 99543       2232       145.00       2942       33.00       *3969         1793       See No. 98121       2308       22.00       2942       28.00       *3980         1793-I       See No. 99121       2330       95.00       2943       35.00       *3981         1794       See No. 98181       2332       Discontinued       2943       29.00       *3982         1794-I       See No. 99181       2355       546.00       2947       15.00       *3983									14.00
1792-I     See No. 99543     2232     145.00     2942     33.00     *3969       1793     See No. 98121     2308     22.00     2942     28.00     *3980       1793-I     See No. 99121     2330     95.00     2943     35.00     *3981       1794     See No. 98181     2332     Discontinued     2943     29.00     *3982       1794-I     See No. 99181     2355     546.00     2947     15.00     *3983								*3965	137.00
1793     See No. 98121     2308     22.00     2942     28.00     *3980       1793-I     See No. 99121     2330     95.00     2943     35.00     *3981       1794     See No. 98181     2332     Discontinued     2943     29.00     *3982       1794-I     See No. 99181     2355     546.00     2947     15.00     *3983								*3969	45.50
1794 See No. 98181 2332 Discontinued 2943 29.00 *3982 1794-I See No. 99181 2355 546.00 2947 15.00 *3983									36.50
1794     See No. 98181     2332     Discontinued     2943     29.00     *3982       1794-I     See No. 99181     2355     546.00     2947     15.00     *3983	1793-I Sec	e No. 99121	2330	95.00	2943		35.00	*3981	40.50
1794-I See No. 99181 2355 546.00 2947 15.00 *3983									27.50
	1794-I Sec						15.00		54.00
	1801 Sec	e No. 97071	2356	546.00	2947		1 <b>4.</b> 25	*3984	82.00
1802 See No. 97072 *2502 48.00 2948 Discontinued *3986	1802 Sec	e No. 97072		48.00	2948	Di			61.00
1803 See No. 97073 *2609 108.00 *2954 44.00 *3987	1803 Sec	e No. 97073	*2609	108.00			44.00	*3987	80.00
1804 See No. 97074   *2611 87.00   *2954 41.80   *3988	1804 See								96.00
1805 See No. 97075   *2618 69.00   2957 21.00   4003	1805 Sec	e No. 97075	*2618	69.00	2957		21.00	4003	43.50
1806 See No. 97076 *2620 68.00 2957 19.95 4006									99.50
1807 See No. 97091 *2632 76.00 2958 23.00 4013	1807 Sec	e No. 97091	*2632	76.00	2958		23.00	4013	52.00

Prices in italics apply to 1000 lots only. \* Suspended



Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100
4016	\$102.00	5260	\$359.00	*5700	\$110.00	6633	\$28.50
*4026	66.00	5261	158.00	5730	Discontinued	6634	39.00
*4036	37.00	5262	219.00	5731	Discontinued	*6635	69.00
*4046	71.00	5262-I	231.00	*5753 *5757	89.00	*6671	38.00
4063	34.00	5263	47.00	*5757	118.00	*6672	53.00
*4070	45.50	*5263-I 5264	52.00	*5793	92.00	6708	19.00
4100	165.00	5265	81.00 81.00	*5819 5826	48.00 134.00	6711	126.00 137.00
4104 4109	262.00 41.50	5266	81.00	5828	60.00	*6717 6720	71.00
4112	31.00	5267	81.00	5829	60.00	6730	60.00
4113	37.00	5268	99.00	*5885	94.00	6733	6.50
4114	38.50	5269	126.00	5887	106.00	6734	122.00
4118	37.50	5270	126.00	5896	32.00	6735	11.50
4185	82.00	5271	172.00	5897	60.00	6736	Discontinued
4185-I	94.50	5273	80,00	5917	24.50	6737	Discontinued
4188	157.00	5273-L	86.00	5919	13.00	6749	See No. 96572
4188-I	173.00	*5274	49.80	*5957	60.00	*6752	99.00
4189	138.00	*5275 *5276	49.80	*5958 5964	60.00 19.00	*6760	99.00 124.00
4189-I 4190	146.00 20.50	*5277	60.50 60,50	6042	89.00	*6761 *6762	146.00
			***************************************				
4190-I	25.40	5281	178.00	*6047	111.00	6764	20.50
4193	61.50	5282 5284	240.00	*6051 *6054	158.00	*6771	58.00 52.00
4193- <b>I</b> 4229	68.50 45.50	5380	122.00 2.75	6058	37.00 118.00	6772 *6796	34.00
*D4307	9.50	5381	6.50	*6059	142.00	6808	69.00
4401	82.00	5382	12.50	*6094	197.00	6810	175.00
4401L	173.00	5420	27.50	*6094P	218.00	6814	19.00
4402	165.00	5429	89.00	6101	Discontinued	6822	58.00
4402L	260.00	5429P	110.00	6108	Discontinued	6823	29.50
4403	108.00	*5432	92.00	6109	Discontinued	6827	22.50
4403L	193.00	*5440	89.00	6118	45.50	6835	See No. 94091
4404_	457.00	*5441	112.00	6149	47.00	6836	See No. 94092
4404L	536.00	*5442	134.00	*6150	78.00	6837	See No. 94093
4405 4431	23.40 78.00	5523 5547	60.00 60.00	*6156 6181	111.00 24.50	6840 6854	See No. 96093 See No. 94101
4433	88.00	5548	See No. 96091	6257	71.00	6855	See No. 94102
4442	50.00	5549	See No. 96092	6258	See No. 96101	6856	See No. 94103
4443	50.00	5552	139.00	6259	See No. 96102	6859	See No. 96103
4444	62.00	5552B	139.00	*6278	99.00	6878	38.50
4445	62.00	5553	107.00	*6279	53.00	6900	526.00
4451	86.00	*5564	197.00	*6282	137.00	6904	See No. 94181
4453	92.00	*5564P	217.00	*6283	155.00	6905	See No. 94182
4585	Discontinued	5566	80.00	6290	153.00	6906	See No. 94183
4586 4856	Discontinued 86.00	5566 <b>B</b> 5567	80.00	6293 6298	124.00 114.00	6910	See No. 96181 Discontinued
			100.00		<del></del>	6911	
4891 4892	69.00	*5571	208.00	6337	50.00	6912	Discontinued 31.00
4892	76.00	*5571P 5574	229.00	6339 6409	104.00 99.00	6918	See No. 94121
4895	95.00 55.00	5612	56.00 50.00	*6419	Discontinued	6959 6960	See No. 94122
*4896	80.00	5614	45.50	*6548	208.00	6961	See No. 94123
4897	69.00	5617	71.00	*6548P	229.00	6964	See No. 96121
*4898	82.00	5618	71.00	*6550	197.00	6965	See No. 96122
4925	266.00	*5619	71.00	*6550P	217.00	6966	See No. 96123
4929	58.00	*5620	84.00	*6551	208.00	6979	44.50
4930	117.00	*5621	117.00	*6551P	229.00	*6981	104.00
4935	1113.00	*5623	131.00	6561	30.00	7001	16.00
4937	89.00	5624	75.00	6562	42.50	7002	12.50 86.00
4938	182.00	5635	Discontinued	6563	5.50	7010	126.00
5020BC 5026BC	269.00	5685 5686	Discontinued 48.00	6630	44.50	7020 7021	34.00
7040DC	278.00	2000	40.00	6631	29.00	/ 04 2	500

<sup>\*</sup> Suspended



							JOHN TO .
Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100
7024	\$29.50	7210	\$82.00	7344	\$677.00	7442	\$55.00
7027	71.00	7210B	82.00	7345	714.00	7443	69.00
702 <b>9</b>	80.00	7213	4.90	7346	542.00	744	58.00
7035 7040	86.00 See No. 94572	7213-I	5.90 122.00	7347 7348	542.00 577.00	7445 7446	69.00 55.00
		7214	122.00				<del></del>
*7042	48.50	7215	122.00	7351	262.00	7447	55.00
7051 7051 <b>-I</b>	219.00 230.00	7216 7216P	95.00 95.00	735 <b>4</b> 7357	177.00 50.00	*7448 7451	50.00 63.00
7052	74.00	7216B 7217	103.00	735 <b>8</b>	714.00	7453	74.00
7052L	80.00	7217 <b>B</b>	103.00	7359	577.00	7454	30.50
7053	207.00	7224	109.00	7368	106.00	7455	172.00
7054	207.00	7228	95.00	7380	542.00	7456	172.00
7055 7056	81.00 53.00	7238	69.00	7381 7382	542.00	7457 7458	177.00 177.00
7057	53.00	7240 7241	128.00 93.00	7383	183.00 125.00	7459	55.00
7058	110.00	7250	217.00	7384	677.00	7461	55.00
7059	63.00	7251	168.00	7385	677.00	7462	27.50
7062	55.00	*7252	47.00	7386	714.00	7464	63.00
7063	63.00	7255	45.00	7387	542.00	7465	35.00
7064	207.00	7257	75.00	7388	542.00	7466	72.00
*7066	19.00	7259	75.00	7389	577.00	7467	87.00
*7068	19.00	7260	58.00	7390	677.00	7468	87.00
707 <b>0</b> 707 <b>1</b>	439.00	*7270	93.00 104.00	7391 7392	677.00 714.00	7470	55.00 92.00
7272	218.00 172.00	7271 *7272	149.00	7393	542.00	7471   7472	101.00
7080	56.00	7273	156.00	7394	542.00	7473	109.00
7082	134.00	7275	177.00	7395	577.00	7474	99.00
7084	87.00	*7276	189.00	7396	677.00	7477	33.00
7086	146.00	7277	194.00	7397	677.00	7479	40.50
7088	207.00	7279	228.00	7398	542.00	7481	107.00
7089	141.00	<b>້</b> 283	531.00	7399	542.00	7482	72.00
7091	128.00	7285	206.00	7408	148.00	7484	114.00
7092 7101	93.00 109.00	7286 7298	93.00 47.00	7409 7410	312.00 258.00	7485 7486	79.00 <b>10</b> 1.00
7102	69.00	7301	884.00	7410B	258.00	7487	123.00
7105	See No. 94532	7302	486.00	7411	206.00	7488	136.00
7108	See No. 96532	7303	439.00	7413	286.00	7489	148.00
7112	593.00	7308	134.00	7415	95.00	7490	55.00
7113	209.00	7309	81.00	7417	272.00	7495	55.00
7114	172.00	7310	206.00	7417B	272.00	7496	55.00
*7115	200.00	7310B	206.00	7418	183.00	7497	55.00
*7116	200.00	7311	148.00	7419	125.00	7498 7499	76.00 55.00
7127 7132	262.00 163.00	7313 7318	228.00 69.00	7420 7421	286.00 87.00	*7502	283.00
7135	50.00	7327	142.00	*7422	283.00	7503	69.00
7136	56.00	7328	257.00	7425	286.00	7504	48.00
7137	64.00	7329	177.00	7426	228.00	7505	48.00
7162	78.00	7331	45.50	7427	64.00	7506	82.00
7169	3.75	7332	76.00	7428	35.00	7507	55.00
7170	21.00	7333	219.00	7429	40.50	7508	63.00
7183 7184	53.00	7334	219.00	7430 *7431	33.00 13.00	7509	95.00 55.00
7185	53.00 63.00	7335 7336	219.00 677.00	7434	55.00	7510 7511	55.00
7187	87.00	7337	677.00	7435	95.00	7512	685.00
7189	157.00	7338	714.00	7436	206.00	7513	251.00
7191	55.00	7339	542.00	7437	106.00	7514	228.00
7196	69.00	7340	542.00	7438	187.00	7517	228.00
7198	89.00	7341	3.75	7439	50.00	7517 <b>B</b>	228.00
7208 7209	240.00	7342 7343	577.00 <b>6</b> 77.00	7440 7441	55.00 58.00	7520 7521	251.00 55.00
1407	10.50	( J <sup>2</sup> )	0//.00	/ ****	20,00	1 / 3/21	JJ.00

<sup>\*</sup> Suspended





Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100
7522	\$76.00	7626	\$71.00	7791	\$322.00	*8132	\$239.00
7523	87.00	7626-I	79.00	7792	236.00	8153	301.00
7524	105.00	7642	90.00	7793	71.00	8162	251.00 101.00
7526	101.00	7645	131.00	7794	321.00	8171 8173	151.00
7527	111.00	7646	131.00	7797	322.00		
7528	115.00	7647	131.00	*7798	367.00 95.00	8191 8193	101.00 151.00
7529 753 <b>0</b>	65.00 76.00	7648 7650 <b>BC</b>	65.00 259.00	*7801 *7802	149.00	8233	301.00
753 <b>1</b>	76.00	7652BC	339.00	*7803	118.00	*8291	65.00
7532	65.00	7653BC	339.00	*7804	410.00	*8292	131.00
7533	65.00	*7661	93.00	*7805	161.00	8293	Discontinued
7534	76.00	*7662	104.00	7808	109.00	8294	Discontinued
7535	76.00	<b>*</b> 7663	106.00	7810	50.00	8421	125.00
7536	90.00	*7664	115.00	*7842	214.00	8431	125.00 See No. 94081
7537	95.00	7666	207.00	7900	314.00	8511	
7538	157.00	7667	219.00	7901	151.00	8512 8513	See No. 94082 See No. 94083
7539	157.00	7670	394.00 394.00	7902	221.00 177.00	8514	Discontinued
7540	137.00 95.00	7671 7672	394.00	7903 7904	477.00	8515	Discontinued
7541 7542	61.00	7673	394.00	7905	221.00	8516	Discontinued
		7674	394.00	l	250.00	8517	Discontinued
7543 7544	144.00 157.00	7680	224.00	7906 7914	341.00	8518	Discontinued
754 <del>5</del>	74.00	7681	251.00	7915	297.00	8551	See No. 96081
7546	74.00	7682	224.00	*7916	484.00	8552	See No. 96082
7547	90.00	7683	251.00	*7933	275.00	8553	See No. 96083
7548	90.00	7684	224.00	*7934	308.00	8554	Discontinued
7549	61.00	7685	251.00	*7941	29.00	8555	Discontinued
7550	38.50	7686	224.00	*7942	34.00	8556	Discontinued Discontinued
7554	95.00 163.00	7687 7690	251.00 305.00	*7953 7954	428.00 428.00	8557 8558	Discontinued
7555							86.00
7556	123.00	7691 7603	327.00 349.00	*7956	428.00	8650 8651	Discontinued
7557	136.00	7692 7693	327.00	7957	428.00	8652	Discontinued
7558 7559	95.00 163 <b>.</b> 00	7694	349.00	7958 79 <b>60</b>	518.00 486.00	8653	Discontinued
7564	55.00	7695	371.00	7961	486.00	8654	Discontinued
7567	113.00	7696	82.00	7974	365.00	8656	103.00
7568	113.00	7697	55.00	7975	125.00	8657	107.00
7569	55.00	7698	63.00	7977	327.00	8658	121.00
7572	103.00	7699	101.00	7978	490.00	8659	113.00 145.00
7573	103.00	7707	197.00	7980	216.00	8660	
7574	55.00	7708	321.00	7981	225.00	8745	91.00 113.00
7580	257.00	7710	360.00	7982	282.00	8746 8751	See No. 96071
7581	286.00	*7711 *7712	296.00 193.00	7983 7984	250.00 514.00	875 <b>2</b>	See No. 96072
7582 7583	177.00 190.00	*7713	102.00	7987	103.00	8753	See No. 96073
7584	204.00	7714	360.00	7988	468.00	8754	See No. 96074
7586	177.00	*7718	418.00	7989	66.00	8755	See No. 96075
7588	71.00	*7719	418.00	7990	223.00	8756	See No. 96076
7589	71.00	7722	55.00	*7991	261.00	8757	See No. 96077
7590	38.50	7728	296.00	*7992	322.00	8758	See No. 96078
7590- <b>I</b>	45.50	*7729	102.00	*7993	288.00	8771	See No. 94071
7607	172.00	7730	158.00	*7994	540.00	8772	See No. 94072 See No. 94073
7608	76.00	7731	174.00	8051	Discontinued	8773 8774	See No. 94074
7609 7610	91.00 97.00	7732 7733	178.00 122.00	8053 8071	Discontinued Discontinued	8775	See No. 94075
<del></del>						8776	See No. 94076
7611 7612	70.00 101.00	*7739 7759	428.00 428.00	8112 *8121	251.00 145.00	8777	See No. 94077
7614	70.00	*7766	189.00	*8122	218.00	8778	See No. 94078
	55.00	7772	52.00	*8123	177.00	8801	59.00
7617							63.00

<sup>\*</sup> Suspended



Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100
8802	\$112.00	9216	\$79.00	9571-I	\$65.00	9808	\$82.00
8802-I	116.00	9217	79.00	9573	58.00	9815	186.00
8803	81.00	9218	53.00	9573-I	65.00	9815-I	196.00
8803-I	85.00	9220	166.00	9575	44.00	9815L	278.00
8804	372.00	9220-I	183.00	9595	44.00	9816	211.00
8804-I	376.00	9221	47.00	9595-I	53.00	9816-I	223.00
8808	93.00	9221-I	54.00	9596	74.00	9816L	305.00
8809	123.00	9223	185.00	9597	83.00	9819	86.00
3815	93.00	9223-I	211.00 69.00	9613	311.00	*9890 *9890-I	23.50 27.50
8816	112.00	9224		9623	256.00		
8817	99.00	9225	286.00	9641	48.00	*9891	29.00 34.00
818 885	118.00 300.00	9238 9251	192.50 185.00	9641-1 9643	53.00 62.00	*9891-I *9892	26.00
3886	236.00	9260	55.00	9643-I	66.00	*9892-I	34.00
3887	300.00	9260-I	61.00	9690	37.00	*9893	41.50
3888	236.00	9261	64.00	9690-I	42.50	*9893-I	45.50
3891	283.00	9262	70.00	9693	47.00	9933	206.00
8892	283.00	9263	84.00	9694	53.00	9933-I	209.00
894	63.00	9264	90.00	*9698	68.00	9934	27.50
895	45.50	9301	748.00	*9699	74.00	9935	33.00
941	124.00	9304	Discontinued	9701	209.00	*9936	30.00
941-I	128.00	9305	Discontinued	9702	273.00	9937	40.50
942	175.00	9306	192.50	9703	240.00	9938	48.00
942-I	180.00	9307	220.00	9704	532.00	*9939	42.50
3943	159.00	9309	151.00	9705	277.00	9940	37.00
3943-I	164.00	9316	130.00	9706	306.00	9941	43.50
961	138.00	9318	233.00	*9711	99.00	9942	41.50
3962	206.00	9325	445.00	*9711-I	110.00	9943	210.00
3963	166.00	9326	114.00	*9712	187.00	9943-I	221.00
3964	467.00	9327	े 58.00	*9712-I	198.00	9943L	305.00
3965	22.00	9330	107.00	*9713	187.00	9951	168.00 56.00
0010	13.00	9331	107.00	*9713-I	198.00 385.00	9952 9953	68.00
0013 0014	17.00	9335	445.00 114.00	*9714   *9714-I	396.00	9954	56.00
0014	14.00 157.00	9336 9337	209.00	9750	81.00	9955	68.00
052	75.00	9338	228.00	9751	81.00	9965	148.00
052L	80.00	9340	593.00	9752	49.00	9967	204.00
068	102.00	9341	506.00	9753	49.00	9970	89.00
069	108.00	9342	206.00	9754	49.00	9971	89.00
070	114.00	9343	228.00	9755	59.00	9972	23,50
071	118.00	9357	60.00	9756	49.00	9973	30.00
072	71.00	9402	42.50	.9757	59.00	9974	31.00
074	97.50	9409	100.00	9758	106.00	9975	48.00
0076	80.00	9410	112.00	9759	73.00	9976	48.00
0077	80.00	9411	100.00	9760	89.00	.9977	133.00
102	79.00	9412	112.00	9763	81.00	*9990	19.00
103	79.00	9413	58.00	9764	96.00	*9990-I	21.50 27.50
104	63.00	9414	58.00	9765	81.00	*9991 *9991-I	31.00
105 171	112.00 41.00	9510 9511	80.00 94.00	9766 9801	96.00 111.00	*9993	39.50
<del></del>							43.50
181	30.00	9512 0512	80.00	9801-I	115.00 185.00	*9993-I *9994	43.50
200	69.00	9513	94.00 128.00	9802 9802- <b>I</b>	187.00	*9995	49.00
200-I	74.00	9515 9517	128.00	9803	136.00	*9996	48.00
)205 )206	74.00 76.00	9521	157.00	9803-I	140.00	*9997	52.00
208		9523	157.00	9804	437.00	*9998	66.00
210 210	59.00 52.00	9525 9525	182.00	9804-I	443.00	*9999	73.00
9210	63.00	9525 9527	182.00	9805	183.00	10027	39.00
212	65.00	9540	378.00	9805-I	187.00	10108	59.00
9213	53.00	// 10	370.00	9806	211.00	12037-1	70.00

\* Suspended

\* Su

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\*96121

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#### HARVEY HUBBELL, INC.



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List Per 100 List Per 100 Cat. No. List Per 100 Cat. No. List Per 100 Cat. No. Cat. No. \*94041 \$62.00 \$70.00 22428 \$18.00 12037-2 \$1518.00 91041 \*94042 122,00 13202 31.50 22429 801.00 91042 33.50 \*94043 184.00 46.00 13202Y 39.50 22430 801.00 91052 \*94071 51.00 40.50 801.00 91071 14.00 13203 22431 101.00 \*94072 22432 829.00 91072 28.00 14202 38.50 \*94073 152.00 43.00 14202Y 46.00 1629.00 91073 22441 202.00 \*94074 14203 46.00 22442 801.00 91074 77.00 \*94075 253.00 91075 169.00 588.00 663.00 20403 22443 304.00 \*94076 194.00 672.00 381.00 91076 20414 23000 \*94077 480.00 20415 449.00 23001 484.00 91081 19.00 530.00 \*94078 20416 183.00 484.00 91091 19.00 23002 51.00 \*94081 14.00 91101 K20416 183.00 23003 484.00 \*94082 101.00 KE20416 183.00 23004 311.00 91102 61.00 \*94083 152.00 183.00 37.00 S20416 91111 23005 311.00 \*94091 51.00 T20416 183.00 311.00 91121 25.00 23006 146.00 \*94092 TB20416 183.00 77.00 183.00 91122 23007 218.00 \*94093 24.00 20417 125.00 183.00 91181 CH23007 \*94101 51.00 K20417 125.00 91512 43.00 K23007 183.00 146.00 \*94102 125.00 91532 36.00 KE20417 KE23007 183.00 \*94103 220.00 125.00 77.00 S20417 183.00 91543 S23007 65.00 \*94121 T20417 125.00 91554 194.00 183.00 T23007 130.00 89.00 \*94122 125.00 91572 TB20417 183.00 TB23007 194.00 \*94123 25.00 470.00 92011 20418 125.00 23008 \*94181 70.00 470.00 46.00 K20418 CH23008 125.00 92012 142.00 \*94182 KE20418 470.00 125.00 92021 22.00 K23008 212.00 \*94183 S20418 470.00 92022 59.50 125.00 KE23008 133.00 \*94512 111.00 T20418 470,00 S23008 125.00 92023 \*94532 133.00 TB20418 470.00 125.00 92031 22.00 T23008 200.00 \*94543 470.00 78.00 92032 20420 TB23008 125.00 133.00 \*94572 20421 1105.00 505.00 92041 22.00 23009 75.00 \*96011 45.00 21414 671.00 23010 484.00 92042 149.00 \*96012 92052 59.50 21415 449.00 23011 311.00 224.00 \*96013 20.00 21418 691.00 502.00 92071 23015 75.00 \*96021 470.00 329.00 92072 41.00 23016 21419 149.00 \*96022 67.00 21420 1244.00 23020 289.00 92073 224.00 \*96023 1105.00 829.00 99.00 21421 23025 92074 75.00 \*96031 1127.00 829.00 92075 212.00 21422 23026 149.00 \*96032 671.00 829.00 242.00 21424 23027 92076 224.00 \*96033 21425 449.00 23028 829.00 92081 24.00 75.00 21426 449.00 35024 112.00 24.00 \*96041 92091 \*96042 149,00 20.00 21427 671.00 40261 Discontinued 92101 224.00 \*96043 72.00 21429 1105.00 \*40262 92102 60.50 64.00 \*96071 Discontinued 44.00 21431 1105.00 40461 92111 129.00 \*96072 1105.00 31.00 21432 64.50 92121 \*40462 191.00 \*96073 691.00 89.00 21433 43310 38.50 92122 238.00 \*96074 31.00 21434 711.00 43320 38.50 92181 297.00 \*96075 61.00 21435 470.00 50715 30.00 92512 358.00 \*96076 21436 489.00 50715B 29.00 92532 48.00 543.00 671.00 97.00 \*96077 21442 50717 75.00 92543 603.00 \*96078 21443 449.00 50718 75.00 92554 217.00 65.00 \*96081 59108 37.00 100.00 21447 1105.00 92572 130.00 \*96082 60666 53.00 \*94011 62.00 22414 1629.00 194.00 \*96083 61988 37.00 \*94012 122.00 22415 663.00 64.00 184.00 \*96091 22418 1657.00 91011 18.00 \*94013 169.00 22419 691.00 91012 33.50 \*94021 62.00 \*96092 253.00 122.00 \*96093 22422 663.00 91021 18.00 \*94022 64.00 91022 46.00 \*94023 184.00 \*96101 22424 1629.00 169.00 62.00 \*96102 22425 663.00 91023 93.00 \*94031 253.00 \*96103 22426 1629.00 91031 18.00 \*94032 122.00

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1657.00

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<sup>\*</sup> Suspended



Cas. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100	Cat. No.	List Per 100
*96122	<b>\$</b> 155.00	*97074	\$160.00	*98042	\$33.50	*99023	\$72.00
*96123	231.00	*97075	220.00	*98043	52.00	*99031	20.00
*96181	83.00	*97076	244.00	*98071	13.50	*99032	52.00
*96512	157.00	*97091	31.50	*98072	25.00	*99033	70.00
*96532	157.00	*97101	31.50	*98073	39.50	*99041	20.00
*96543	237.00	*97102	81.50	*98074	51.00	*99042	40.50
*96572	157.00	*97121	43.00	*98075	78.00	*99043	58.50
*97011	39.50	*97181	43.00	*98076	92.00	*99071	14.50
*97012	85.50	*97512	81.50	*98091	17.30	*99072	30.00
*97013	123.00	*97532	81.50	*98101	13.50	*99073	46.00
*97021	39.50	*97543	123.00	*98102	27.00	*99074	76.00
*97022	107.00	*98011	17.30	*98121	23.00	*99075	108.00
*97023	148.00	*98012	33.50	*98181	20.00	<b>*</b> 990 <b>76</b>	127.00
<b>*97031</b>	39.50	*98013	52.00	*98512	34.50	*99091	23.00
*97032	114.00	*98021	17.30	*98532	34.50	*99101	14.50
*97033	148.00	*98022	41.50	*98543	51.00	*99102	30.00
*97041	39.50	*98023	55.50	*99011	20.00	*99121	27.00
*97042	85.50	*98031	17.30	*99012	40.50	*99181	23.00
<b>*97043</b>	123.00	*98032	41.50	*99013	58.50	*99512	44.00
*97071	31.50	*98033	55.50	*99021	20.00	*99532	44.00
*97072	81.50	*98041	17.30	*99022	52.00	*99543	60.50
*97073	123.00						

<sup>\*</sup> Suspended

# Twist-Lock

FOR PORTABLE

ELECTRICAL TOOLS



Hubbellock

FOR HEAVY DUTY
SERVICE